



STIC Search Report

EIC 2100

STIC Database Tracking Number: 98453

TO: Gwen Liang
Location: 4B25
Art Unit : 2172
Tuesday, July 15, 2003

Case Serial Number: 09/756052

From: Geoffrey St. Leger
Location: EIC 2100
PK2-4B30
Phone: 308-7800

geoffrey.stleger@uspto.gov

Search Notes

Dear Examiner Liang,

Attached please find the results of your search request for application 09/756052. I searched Dialog's foreign patent files,, product announcement files and general files.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger
4B30/308-7800



STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Anne Hendrickson, EIC 2100 Team Leader
308-7831, CPK2-4B40

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 3730

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 CPK2-4B40



File 347:JAPIO Oct 1976-2003/Mar(Updated 030703)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200344

(c) 2003 Thomson Derwent

Set	Items	Description
S1	1854771	SOFTWARE OR PROGRAM? ? OR APPLICATION? ? OR FILE? ? OR DATABASE? ? OR DATA()BASE? ? OR CODE OR CODES OR OBJECT? ? OR OS OR OPERATING()SYSTEM? ? OR FIRMWARE OR BIOS
S2	18981	S1(5N)(VERSION? OR UPDAT??? OR UPGRAD??? OR PATCH???)
S3	115917	(DOWNLOAD? OR RETRIEV? OR GET???? OR OBTAIN??? OR ACQUIR??? OR ACQUISITION? ? OR PULL??? OR REQUEST?) (5N) (S1 OR UPDATE? ? OR PATCH?? OR FIX OR FIXES OR UPGRADE? ? OR NEW??? OR LATEST)
S4	17454	(LIST? ? OR LISTING? ? OR TABLE? ? OR DATABASE? ? OR DATA(-)BASE? ?) (5N) (UPDATE? ? OR UPGRADE? ? OR PATCH?? OR FIX OR FIXES OR FILENAME? ? OR FILE()NAME? ? OR IDENTIFIER? ? OR ID? ? OR NEW??? OR LATEST OR VERSION? ?)
S5	640160	COMPAR??? OR COMPARISON? ? OR COMPARE? ?
S6	14576	(GROUP???? OR CLUSTER??? OR SET? ? OR COLLECT? OR ASSEMBL? OR GATHER???) (5N) (SOFTWARE OR PROGRAMS OR FILES OR CODES OR OBJECTS OR UPDATES OR PATCHES OR UPGRADES OR EXTENSIONS OR DLL OR DLLS)
S7	3392	(COMPRESS? OR ZIP? ? OR ZIPPED OR ZIPPING OR STUFF??? OR WINZIP? OR SQUEEZ?) (5N) (SOFTWARE OR PROGRAMS OR APPLICATIONS OR FILES OR CODES OR OBJECTS OR UPDATES OR PATCHES OR UPGRADES - OR CHANGES OR EXTENSIONS OR DLL OR DLLS)
S8	98035	SERVER? ?
S9	1036	S2 AND S3 AND S8
S10	296	S9 AND S4
S11	34	S5 AND S10
S12	8	S10 AND S6:S7
S13	47	S9 AND S6:S7
S14	33	S11 NOT S13
S15	9493	S3(5N)(CLIENT? ? OR NODE? ? OR TERMINAL? ? OR PC? ? OR COMPUTER? ? OR WORKSTATION? ? OR WORK()STATION? ?)
S16	102	S10 AND S15
S17	87	S16 NOT S13:S14
S18	616	S2 AND S6
S19	45	S2 AND S7
S20	3	S18 AND S19
S21	5391	(GROUP???? OR COLLECT? OR COMPOSITE OR BUNDL???) (5N) (SOFTWARE OR PROGRAMS OR FILES OR CODES OR OBJECTS OR UPDATES OR PATCHES OR UPGRADES OR EXTENSIONS OR DLL OR DLLS)
S22	264	S2 AND S21
S23	224	S22 AND IC=G06F
S24	57	S8 AND S23
S25	35	S24 NOT (S13:S14 OR S20)
S26	167	S23 NOT S24
S27	8	S26 AND IMAGE
S28	34261	(GROUP???? OR COLLECT? OR COMPOSITE OR BUNDL??? OR ASSEMBL? OR GATHER?) (5N) (SOFTWARE OR PROGRAM? ? OR FILE? ? OR CODE? ? OR OBJECT? ? OR UPDATES OR UPDATE OR PATCH?? OR UPGRADES OR UPGRADE OR EXTENSION? ? OR DLL OR DLLS)
S29	63	S2 AND S28 AND IMAGE
S30	55	S29 NOT (S13:S14 OR S20 OR S27)

13/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06018660 **Image available**
AUTOMATIC SOFTWARE DISTRIBUTION MANAGEMENT SYSTEM AND METHOD

PUB. NO.: 10-301760 [JP 10301760 A]
PUBLISHED: November 13, 1998 (19981113)
INVENTOR(s): TAKASE SHIGERU
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 09-104751 [JP 97104751]
FILED: April 22, 1997 (19970422)
INTL CLASS: [6] G06F-009/06; G06F-009/445; G06F-013/00
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);
45.2 (INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD: R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR); R139
(INFORMATION PROCESSING -- Word Processors)

ABSTRACT

PROBLEM TO BE SOLVED: To facilitate and simplify an installation operation at a distribution destination by managing information in linkage in the distribution destination and a distribution origin and judging whether or not a software is suited to an environment.

SOLUTION: When the software distribution request of the installation and version updating, etc., of the software is inputted from an input device 4, the request reception part 11 of a terminal computer 3 as the distribution destination of the software requests an information gathering part 12 to gather the environment information of the present terminal computer 3 and send it to a server computer 2 along with the software distribution request. When the information relating to a hardware environment and/or a software environment is gathered and sent as terminal information, in the server computer 2 of the distribution origin, whether or not the using condition of the software to be distributed to the distribution destination is suited to the environment of the distribution destination based on the terminal information and distributes the software to the distribution destination. Thus, the software is automatically distributed from the distribution origin to the distribution destination.

13/5/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05439934 **Image available**
SYSTEM AND METHOD FOR SOFTWARE DISTRIBUTION/MAINTENANCE UTILIZING NETWORK

PUB. NO.: 09-054734 [JP 9054734 A]
PUBLISHED: February 25, 1997 (19970225)
INVENTOR(s): NAKAGAWA TORU
TAKADA HIROSHI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-233422 [JP 95233422]
FILED: August 17, 1995 (19950817)
INTL CLASS: [6] G06F-013/00; G06F-013/00; G06F-009/445
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.1
(INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT

PROBLEM TO BE SOLVED: To make a user quickly and appropriately acquire and utilize software generated/ updated by a provider between many software providers and many users.

SOLUTION: This system is equipped with one or more first processing

means(client program:CP) which manage a target **software group** on each user computer at every user and software, one or more second processing means(**server** program:SP) which provide a service to a **software library group** on each provider computer at every software library, and a network which connects the first processing means(CP) to the second processing means(SP) based on an integrated message protocol.

13/5/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04693236 **Image available**
FILE MANAGEMENT SYSTEM

PUB. NO.: 07-013836 [JP 7013836 A]
PUBLISHED: January 17, 1995 (19950117)
INVENTOR(s): SHIMAMURA MASAHIKO
MISHIO TSUGIKO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
KYUSHU NIPPON DENKI SOFTWARE KK [000000] (A Japanese Company
or Corporation), JP (Japan)
APPL. NO.: 05-158330 [JP 93158330]
FILED: June 29, 1993 (19930629)
INTL CLASS: [6] G06F-012/00; G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To make the use of a file efficient among work stations which constitute a network.

CONSTITUTION: A terminal operates as a master **server** and **updates** an in-**group** common **file** 1-3 and an **update** history management **file** 1-4 on the master **server** while an in-group common file 2-3 or 3-3 on a terminal 2 or 3 as a slave **server** is updated. Further, when the in-group common file 1-3 on the master **server** is **updated**, the **update** history management **file** 1-4 on the master **server** is sent to all slave **servers** constituting the group and the in-group common file 1-3 is transferred at a request from a slave **server**. Each slave **server** once receiving the **update** history management **file** 1-4 makes a **request** transfer the in-group common **file** 1-3 and receives it only when the management **file** is different from its **update** history management **file** 2-4 or 3-4 and **updates** the in-**group** common **file** 2-3 or 3-3 and **update** history management **file** 2-4 or 3-4 on its machine.

13/5/13 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015030396 **Image available**
WPI Acc No: 2003-090913/200308
XRPX Acc No: N03-071860

Operating system and application software downloading method on set -top boxes for TV, involves connecting to server in response to signal representing user's selection of desired application to download associated OS

Patent Assignee: TOFT R (TOFT-I)

Inventor: TOFT R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020138592	A1	20020926	US 2001767333	A	20010123	200308 B

Priority Applications (No Type Date): US 2001767333 A 20010123

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

Abstract (Basic): US 20020138592 A1

NOVELTY - A signal representing user's selection of a desired application from a list of applications, is received at set-top box (110). The set-top box connects to a **server** (150) in response to received signal. The desired **application** and associated **operating system** are **downloaded** from the **server** for executing the application.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Set-top box; and
- (2) Computer-readable medium storing instructions for implementing **operating system downloading** method.

USE - For **downloading operating system and application software** on electronic device such as **set-top boxes (STB)** (claimed) for television used in satellite and cable applications and Internet appliances.

ADVANTAGE - Enables **updating** and changing of the **operating system** by simply **downloading the operating system** and desired **application software** in a user transparent manner.

DESCRIPTION OF DRAWING(S) - The figure shows the **operating system and application software downloading system**.

Set-top box (110)

Server (150)

pp; 11 DwgNo 1/4

Title Terms: OPERATE; SYSTEM; APPLY; SOFTWARE; METHOD; SET; TOP; BOX; TELEVISION; CONNECT; SERVE; RESPOND; SIGNAL; REPRESENT; USER; SELECT; APPLY; ASSOCIATE; OS

Derwent Class: T01; W03

International Patent Class (Main): G06F-015/16

File Segment: EPI

13/5/14 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015029895 **Image available**

WPI Acc No: 2003-090412/200308

XRPX Acc No: N03-071389

Software application deployment system in distributed networks like Internet, includes starter plug-in installed on web-enabled device, to launch application assembler for downloading one or more text files from server

Patent Assignee: JARGON SOFTWARE (JARG-N)

Inventor: BLOCH T J; DIETSCH T L; RUBENSTEIN R D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020129129	A1	20020912	US 2001270031	P	20010220	200308 B
			US 200281921	A	20020220	

Priority Applications (No Type Date): US 2001270031 P 20010220; US 200281921 A 20020220

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020129129	A1	25	G06F-015/16	Provisional application US 2001270031

Abstract (Basic): US 20020129129 A1

NOVELTY - An **application assembler** **retrieves program logic** from each of text files **downloaded** from a **server** (131) and **assembles retrieved program logic** into a functioning **application**. The starter plug-in is installed on the web-enabled device to launch the application assembler.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for application deployment method.

USE - For deployment and operation of compact, graphical, thin-client, Internet-enabled, software applications over distributed

networks such as TCP/IP networks, Internet and application software environments for business-to-consumer applications e.g. on-line book stores, auction sites.

ADVANTAGE - By implementing the **assembler program**, the text files are **downloaded** from the **server** quickly, even over slow Internet connections, and costs and deployment issues related to **application upgrades** and bug fixes are minimized. Upgrade of various user interface components is enabled without the reinstallation of the application.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram illustrating operation of distributed network application that assembles application virtual machine.

Web-enabled device (10)

Server (131)

AVM (221)

pp; 25 DwgNo 2/11

Title Terms: SOFTWARE; APPLY; DEPLOY; SYSTEM; DISTRIBUTE; NETWORK; START; PLUG; INSTALLATION; WEB; ENABLE; DEVICE; LAUNCH; APPLY; ASSEMBLE; ONE; MORE; TEXT; FILE; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): G06F-015/177

File Segment: EPI

13/5/17 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014901833 **Image available**

WPI Acc No: 2002-722539/200278

XPX Acc No: N02-569751

Software version control method in computer, set -top box, involves downloading processed images whose unique identifiers appear in latest list downloaded from server, but not in list stored in client

Patent Assignee: LIU (LIUU-I); NATARAJAN S (NATA-I); PARCHEM J M (PARC-I); ROVINSKY V (ROVI-I); TJONG S (TJON-I)

Inventor: LIU J; NATARAJAN S; PARCHEM J M; ROVINSKY V; TJONG S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020091720	A1	20020711	US 2001756052	A	20010105	200278 B

Priority Applications (No Type Date): US 2001756052 A 20010105

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020091720	A1	11	G06F-012/00	

Abstract (Basic): US 20020091720 A1

NOVELTY - The processed images and a list of their unique identifiers are stored in a client. During an upgrade process, the stored list is compared with a **latest** list of unique identifiers, **downloaded** from a **server**. The processed images whose unique identifiers appear in the latest list but not in the stored list, are downloaded from the **server** selectively.

DETAILED DESCRIPTION - **INDEPENDENT CLAIMS** are included for the following:

- (1) Computer readable medium storing **software version control program**;
- (2) **Software version controlling apparatus**; and
- (3) **Software version control system**.

USE - For controlling **version** of **software** including **operating system**, file system, driver, Internet Explorer browser, graphics, **upgrade application**, JAVA virtual machine, E-mail program and word processor, in computer including personal computer and handheld computer, MSN companion device, mobile phone, pager, set-top box, entertainment center and communication device.

ADVANTAGE - The **software version control** technique enables to

expedite the overall **downloading** of **files** by quickly identifying the **files** requiring **updating** .

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a computer environment.

pp; 11 DwgNo 2/5

Title Terms: SOFTWARE; VERSION; CONTROL; METHOD; COMPUTER; SET; TOP; BOX; PROCESS; IMAGE; UNIQUE; IDENTIFY; APPEAR; LATE; LIST; SERVE; LIST; STORAGE; CLIENT

Derwent Class: T01; W03

International Patent Class (Main): G06F-012/00

File Segment: EPI

13/5/18 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014878178 **Image available**

WPI Acc No: 2002-698884/200275

XRPX Acc No: N02-551032

Software updating system for updating software on hard drive has two servers

Patent Assignee: SONY CORP (SONY)

Inventor: OKACHI Y; SAWADA H; TSUCHIYA K

Number of Countries: 024 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200275525	A1	20020926	WO 2002JP2595	A	20020319	200275 B

Priority Applications (No Type Date): JP 200177908 A 20010319

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200275525 A1 J 53 G06F-009/06

Designated States (National): CN IN JP SG US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Abstract (Basic): WO 200275525 A1

NOVELTY - A user terminal (1) **acquires** a **version** information **file** from a first **server** (2) upon the start of an application software. When the **software** is judged to need a **version** up on the basis of the **version** information **file** , this terminal acquires a compressed **file** matching with its own **version** from a second **server** (3) which owns an **updated** application software , develops the **compressed** **file** , and overwrites the existing application software. Thereafter, a file not carried by the list of **version** information **files** is deleted.

USE - Software updating system for updating software on hard drive

DESCRIPTION OF DRAWING(S) - user terminal (1)

first **server** (2)

second **server** (3)

pp; 53 DwgNo 1/14

Title Terms: SOFTWARE; UPDATE; SYSTEM; UPDATE; SOFTWARE; HARD; DRIVE; TWO; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-009/06

International Patent Class (Additional): G06F-009/445

File Segment: EPI

13/5/19 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014834338 **Image available**

WPI Acc No: 2002-655044/200270

Related WPI Acc No: 1999-130735; 2001-217572

XRPX Acc No: N02-517576

Distributed group activity network system has client computer that retrieves data file from first or second server computer over

Internet using only basic network services available at server computer

Patent Assignee: METADIGM LLC (META-N)

Inventor: KLEY V B; LOVEJOY I

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6430625	B1	20020806	US 96672793	A	19960628	200270 B
			US 98185231	A	19981103	
			US 2000546898	A	20000410	

Priority Applications (No Type Date): US 96672793 A 19960628; US 98185231 A 19981103; US 2000546898 A 20000410

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6430625	B1	17	G06F-015/16	Cont of application US 96672793 Cont of application US 98185231 Cont of patent US 5862346 Cont of patent US 6161146

Abstract (Basic): US 6430625 B1

NOVELTY - A client computer (102) is connected to first and second server computers (104) over the Internet. The client computer transmits data to the first server computer over the Internet in order to store or update the data file on the first server computer using only basic network services of a standard network protocol available at the first server computer.

DETAILED DESCRIPTION - The client computer transmits data to the second server computer over the Internet in order to store or update the data file on the second server computer using only basic network services of a standard network protocol available at the second server computer, and synchronizes the data file stored on the server computers. The client computer retrieves data file from the first or second server computer over the Internet using only the basic network services available at the server computer. Redundant storage and retrieval of the data file occurs among the server computers. An INDEPENDENT CLAIM is also included for a method of providing redundant stage of a data file over a wide area computer network.

USE - For controlling, synchronizing, and providing access by system users to shared data files of a group activity such as project, task or plan.

ADVANTAGE - Provides group activity network system that operates effectively over long distances or complex networks, such as the Internet. Enables user to graphically monitor the progress of development of group activity.

DESCRIPTION OF DRAWING(S) - The figure is a block diagram of a distributed group activity system.

Client computer (102)

Server computers (104)

pp; 17 DwgNo 1/7

Title Terms: DISTRIBUTE; GROUP; ACTIVE; NETWORK; SYSTEM; CLIENT; COMPUTER; RETRIEVAL; DATA; FILE; FIRST; SECOND; SERVE; COMPUTER; BASIC; NETWORK; SERVICE; AVAILABLE; SERVE; COMPUTER

Derwent Class: T01

International Patent Class (Main): G06F-015/16

File Segment: EPI

13/5/22 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014540383 **Image available**

WPI Acc No: 2002-361086/200239

Related WPI Acc No: 2002-178662; 2002-453284

XRPX Acc No: N02-282158

Application code updating system for client device, upgrades
invalid code segments with downloaded replacement data after
authenticating downloaded update information

Patent Assignee: SHAW R (SHAW-I)

Inventor: SHAW R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020026634	A1	20020228	US 9880577	A	19980518	200239 B

Priority Applications (No Type Date): US 9880577 A 19980518

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020026634	A1		8 G06F-009/445	

Abstract (Basic): US 20020026634 A1

NOVELTY - The client device stores software code for
retrieving compressed update data from remote server for
identifying invalid code segments. The validity status data within the
update data is compared with authentication data stored in permanent
memory for authenticating update information. The identified invalid
code segments are replaced with downloaded replacement code.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
method for updating application code.

USE - For updating application code on client device from
remote server over communication channel.

ADVANTAGE - Restores corrupted application code using minimal
program code stored in permanent memory and enables secure downloading
and upgrading of data.

DESCRIPTION OF DRAWING(S) - The figure shows the process flow
diagram for secure data downloading and upgrading.

pp; 8 DwgNo 3/3

Title Terms: APPLY; CODE; UPDATE; SYSTEM; CLIENT; DEVICE; UPGRADING;
INVALID; CODE; SEGMENT; REPLACE; DATA; AFTER; AUTHENTICITY; UPDATE;
INFORMATION

Derwent Class: T01; W01

International Patent Class (Main): G06F-009/445

File Segment: EPI

13/5/33 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013673838 **Image available**

WPI Acc No: 2001-158050/200116

XRFX Acc No: N01-115060

Group information objects servicing apparatus for World Wide Web,
generates process which is associated with one version of information
objects group and serves associated objects in response to request

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)

Inventor: JALOTE P; RANGARAJAN S; YAJNIK S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6138152	A	20001024	US 9889596	A	19980602	200116 B

Priority Applications (No Type Date): US 9889596 A 19980602

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6138152	A		8 G06F-015/16	

Abstract (Basic): US 6138152 A

NOVELTY - Memory provides versions of information object group
and interface receives request for information objects. A processor
(109) generates a process which is associated with one of the version
of the information objects group as a function of time, when the
earliest request of all the requests is received. The process serves

the associated **object** through connection in response to **request** .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) system for serving terminals with information **objects** in a **group** ;

(b) method for use in apparatus for serving information **objects** in a **group**

USE - Used in communication network like World Wide Web (WWW), etc., for providing information objects like stock quotes, flight arrival and departure information, etc.

ADVANTAGE - A **server** provides information in a consistent manner which is frequently updated without having its service disrupted, by using a processor which generates a process in association with the version of the logical group at the time of receiving request and sends the logical group in response through the interface.

DESCRIPTION OF DRAWING(S) - The figure shows the process forking mechanism.

Processor (109)

pp; 8 DwgNo 3/3

Title Terms: GROUP; INFORMATION; OBJECT; SERVICE; APPARATUS; WORLD; WIDE;

WEB; GENERATE; PROCESS; ASSOCIATE; ONE; VERSION; INFORMATION; OBJECT;

GROUP; SERVE; ASSOCIATE; OBJECT; RESPOND; REQUEST

Derwent Class: T01

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): G06F-015/17

File Segment: EPI

13/5/34 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013483322 **Image available**

WPI Acc No: 2000-655265/200063

XRPX Acc No: N00-485682

Data supplying method for production planning software application, involves supplying particular set of data extracted from database , after obtaining snapshot time to software application

Patent Assignee: ORACLE CORP (ORAC-N)

Inventor: ROBSON K; SYED N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6105030	A	20000815	US 9832095	A	19980227	200063 B

Priority Applications (No Type Date): US 9832095 A 19980227

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6105030 A 21 G06F-017/30

Abstract (Basic): US 6105030 A

NOVELTY - A particular set of data that is required by the software application, is identified. The process is **requested** from a **database server** to **obtain** a snapshot time. The data that reflects the database state associated with snapshot time is returned from **database** (204). After **obtaining** the snapshot time, a particular set of data is extracted from the database and supplied to the software application.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) method for producing a copy of data;

(b) computer readable medium;

(c) computer system for supplying a set of data

USE - For supplying data to software application used for planning component production process.

ADVANTAGE - After waiting for particular period of time for processes to be assigned snapshot times, the locks on the set of data in **database** are released so that **updatation** is enabled.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of alternate system for producing a copy of database.

Database (204)

pp; 21 DwgNo 6/6

Title Terms: DATA; SUPPLY; METHOD; PRODUCE; PLAN; SOFTWARE; APPLY; SUPPLY; SET; DATA; EXTRACT; DATABASE; AFTER; OBTAIN; SNAPSHOT; TIME; SOFTWARE; APPLY

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

13/5/36 (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012804540 **Image available**

WPI Acc No: 1999-610770/199952

XRPX Acc No: N99-450060

Computer readable file transformation system for multi- tiered incremental software updating

Patent Assignee: SYMANTEC CORP (SYMA-N)

Inventor: NACHENBERG C; WALDIN R S

Number of Countries: 020 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9949391	A2	19990930	WO 99US6619	A	19990325	199952 B
US 6052531	A	20000418	US 9847949	A	19980325	200026
EP 1073952	A2	20010207	EP 99915047	A	19990325	200109
			WO 99US6619	A	19990325	
CA 2325544	C	20020205	CA 2325544	A	19990325	200213
			WO 99US6619	A	19990325	
EP 1073952	B1	20020911	EP 99915047	A	19990325	200264
			WO 99US6619	A	19990325	
DE 69902898	E	20021017	DE 602898	A	19990325	200276
			EP 99915047	A	19990325	
			WO 99US6619	A	19990325	

Priority Applications (No Type Date): US 9847949 A 19980325

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

WO 9949391	A2 E	31	G06F-009/44	
------------	------	----	-------------	--

Designated States (National): CA

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

US 6052531	A	G06F-015/173
------------	---	--------------

EP 1073952	A2 E	G06F-009/44	Based on patent WO 9949391
------------	------	-------------	----------------------------

Designated States (Regional): DE FR GB

CA 2325544	C E	G06F-009/44	Based on patent WO 9949391
------------	-----	-------------	----------------------------

EP 1073952	B1 E	G06F-009/44	Based on patent WO 9949391
------------	------	-------------	----------------------------

Designated States (Regional): DE FR GB

DE 69902898	E	G06F-009/44	Based on patent EP 1073952
-------------	---	-------------	----------------------------

Based on patent WO 9949391

Abstract (Basic): WO 9949391 A2

NOVELTY - At least two updated patches specifying information about differences between two associated states, are provided. An updating data source accesses and transmits the **updates patches** based on **request**. A client coupled to the updating data source receives the updated patches and performs transformation of the computer readable file.

DETAILED DESCRIPTION - The client receives a sequential **set** of updated **patches** which specify information for transforming the computer readable file from the beginning to the ending state. The ending state is specified by a directive file available to the client. INDEPENDENT CLAIMS are also included for:

- (1) computer readable file transforming method; and
- (2) a computer readable medium containing a computer program for

transforming a computer readable file.

USE - For transforming computer readable file from beginning to ending state for multitiered incremented **software updating**.

ADVANTAGE - By selectively providing tiered **updated patches**, **software** publishers can facilitate quick and efficient **updating** of user's **application** without maintaining or producing large number of updated patches. The updated patches can be distributed simultaneously to several users via multiple channels. Selective redundancy is allowed as high capacity **server** is not required.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of computer readable file transformation system.

pp; 31 DwgNo 1/8

Title Terms: COMPUTER; READ; FILE; TRANSFORM; SYSTEM; MULTI; TIER;

INCREMENT; SOFTWARE; UPDATE

Derwent Class: T01

International Patent Class (Main): G06F-009/44; G06F-015/173

File Segment: EPI

13/5/37 (Item 27 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012692630 **Image available**

WPI Acc No: 1999-498739/199942

XRPX Acc No: N99-371906

Software information collecting system for computer networks - has software information acquisition unit which registers software information into software information modification table and acquires information on software installed in client

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11212770	A	19990806	JP 9810137	A	19980122	199942 B

Priority Applications (No Type Date): JP 9810137 A 19980122

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11212770	A	5	G06F-009/06	

Abstract (Basic): JP 11212770 A

NOVELTY - **Server** (100) has software management unit (101) which stores information on the software installed to the client (110).

Software information acquisition unit (113) registers **software** information into **software** information modification table (117) and **acquires** information on the **software** installed to the client.

DETAILED DESCRIPTION - Updating unit (112) is provided to **update** or delete the **software** information stored in the software information modification table. Software information transmitting unit (111) transmits the information on the software information modification table to **server**.

USE - For software management of client by **server** in computer networks.

ADVANTAGE - Since the **server** provided **collects** the information on the **software** installed to the client and thus it is easy for the **server** to control the software for every client. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **software information collecting system**. (100) **Server**; (101) **Software** management unit; (110) **Client**; (111) **Software** information transmitting unit; (112) **Updating** unit; (113) **Software** information **acquisition** unit; (117) **Modification** table.

Dwg.1/8

Title Terms: SOFTWARE; INFORMATION; COLLECT; SYSTEM; COMPUTER; NETWORK;

SOFTWARE; INFORMATION; ACQUIRE; UNIT; REGISTER; SOFTWARE; INFORMATION;

SOFTWARE; INFORMATION; MODIFIED; TABLE; ACQUIRE; INFORMATION; SOFTWARE;

INSTALLATION; CLIENT

Derwent Class: T01

International Patent Class (Main): G06F-009/06
International Patent Class (Additional): G06F-011/30
File Segment: EPI

13/5/38 (Item 28 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012470810 **Image available**
WPI Acc No: 1999-276918/199923
XRPX Acc No: N99-207633

Updated software availability indication method for portable wireless communication units e.g. in-car mobile, and/or hand-held portable radios - involves setting of internal flag in memory indicating presence of updated software upon reception of software update acknowledgement signal from server

Patent Assignee: MOTOROLA INC (MOTI)
Inventor: AVERBUCH R; AVERBUCH Z
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5896566	A	19990420	US 95508656	A	19950728	199923 B

Priority Applications (No Type Date): US 95508656 A 19950728

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5896566	A	7	H04Q-007/34	

Abstract (Basic): US 5896566 A

NOVELTY - A software update acknowledgement signal which is sent to a portable wireless communication unit (101) from a server (104) in response to software update receive response, sets a internal flag of a memory. The setting of flag indicates the availability of updated software which can be downloaded to server by a downloader (108). DETAILED DESCRIPTION - A software update query is sent to portable wireless communication device from the server through a wireless transceiver (102). A software update response is sent from the wireless communication device to the server upon receiving the update query signal. The software update response includes a priority indication and a usage indication.

USE - For portable wireless communication units e.g. in-car mobile and/or hand-held portable radios CDMA or TDMA based digital cellular system.

ADVANTAGE - By using a series of update queries and responses the presence of updated software is notified and this reduces the usage of wireless communication network. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of wireless communication system. (101) Portable wireless communication unit; (102) Wireless transceiver; (104) Server; (108) Downloader.

Dwg.1/5

Title Terms: UPDATE; SOFTWARE; AVAILABLE; INDICATE; METHOD; PORTABLE; WIRELESS; COMMUNICATE; UNIT; CAR; MOBILE; HAND; HELD; PORTABLE; RADIO; SET; INTERNAL; FLAG; MEMORY; INDICATE; PRESENCE; UPDATE; SOFTWARE; RECEPTION; SOFTWARE; UPDATE; ACKNOWLEDGE; SIGNAL; SERVE

Derwent Class: W01; W02; X16
International Patent Class (Main): H04Q-007/34
File Segment: EPI

13/5/43 (Item 33 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012203156
WPI Acc No: 1999-009262/199901
Related WPI Acc No: 1997-198944
XRPX Acc No: N99-006733

Software circulation maintenance system used for updating software donated by user - has one or more servers to provide service for each software library while these servers are connected to one or more client systems through unified message protocol

Patent Assignee: FUJITSU LTD (FUJIT)

Inventor: NAKAGAWA T; TAKADA Y

Number of Countries: 002 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5835911	A	19981110	US 95385460	A	19950208	199901 B
			US 95517133	A	19950821	
JP 7225723	A	19950822	JP 9414706	A	19940208	199901
JP 7225724	A	19950822	JP 9414710	A	19940208	199901
JP 3167522	B2	20010521	JP 9414710	A	19940208	200130
JP 3167521	B2	20010521	JP 9414706	A	19940208	200130

Priority Applications (No Type Date): JP 95233422 A 19950817; JP 9414706 A 19940208; JP 9414710 A 19940208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5835911	A	84	G06F-017/30		CIP of application US 95385460
JP 7225723	A	40	G06F-013/00		
JP 7225724	A	14	G06F-013/00		
JP 3167522	B2	16	G06F-013/00		Previous Publ. patent JP 7225724
JP 3167521	B2	36	G06F-013/00		Previous Publ. patent JP 7225723

Abstract (Basic): US 5835911 A

The system receives object software programs are offered by many software donors (V1,V2) through a computer network. A client manages the object **software group** containing object **software** which is accessed by one or more users (U1-U4). **Servers** (4,5) provide the service by donating software programs. The client and the **server** are connected by a unified message protocol. Each client responds to an indication given by a user and the indication originated from an user program.

When a network receives a **request** for **software** circulation or maintenance. It transmits relevant message to **server** corresponding to the object software. Then, it receives the response from the **server**. According to the contents of the response and a setting mode by the user a processing is executed. Each **server** receives the message from client according to the contents of the message and setting made by the donor. A reference is made to the software library. A response message is generated and it is transmitted to the client processor from which the original request was received.

ADVANTAGE - Simplifies system development. Speeds up **software updation**. Improves adaptability.

Title Terms: SOFTWARE; CIRCULATE; MAINTAIN; SYSTEM; UPDATE; SOFTWARE; DONATING; USER; ONE; MORE; SERVE; SERVICE; SOFTWARE; LIBRARY; SERVE; CONNECT; ONE; MORE; CLIENT; SYSTEM; THROUGH; UNIFIED; MESSAGE; PROTOCOL

Derwent Class: T01

International Patent Class (Main): G06F-013/00; G06F-017/30

International Patent Class (Additional): G06F-009/06; G06F-009/445;

G06F-015/163

File Segment: EPI

?

14/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06608737 **Image available**
APPLICATION DISTRIBUTING METHOD

PUB. NO.: 2000-194542 [JP 2000194542 A]
PUBLISHED: July 14, 2000 (20000714)
INVENTOR(s): TERADA ERIKO
APPLICANT(s): HITACHI MAXELL LTD
APPL. NO.: 10-372108 [JP 98372108]
FILED: December 28, 1998 (19981228)
INTL CLASS: G06F-009/06; G06F-013/00; G06F-017/30; H04L-012/40;
H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To securely and speedily distribute an **updated application** to a client by **comparing** the time stamps of the client and a data base side with each other, and reading a data-base side application out and copying it as a client- side application to a storage device only when the time stamp of the **data - base** side is **newer** .

SOLUTION: When a user 11 activates an application 9, the application 9 first inquires information on the time stamp S16 of a data base 5 on the **data base server** 1 and **acquires** the information. The **application 9 compares** this information with the information of a time stamp S17. When the time stamp S16 is newer than the time stamp C17, the application 9 reads a data application S15 out of the data base 5 and transfers the application to a storage device of the client 6 to copy it. Thus, the application 9 is automatically distributed.

COPYRIGHT: (C)2000, JPO

14/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06018686 **Image available**
AUTOMATIC INSTALL SYSTEM FOR SOFTWARE THROUGH NETWORK

PUB. NO.: 10-301786 [JP 10301786 A]
PUBLISHED: November 13, 1998 (19981113)
INVENTOR(s): TASHIRO YUKINORI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 09-125018 [JP 97125018]
FILED: April 28, 1997 (19970428)
INTL CLASS: [6] G06F-009/445
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT

PROBLEM TO BE SOLVED: To improve the maintenance of software by operating the unitary management of the information of the software installed in a client by a **server** .

SOLUTION: When software is installed by a software install part 23, a software registration **data base** managing part 24 **updates** a **software management data base** 42, and transmits software registration information to a **server** 1. A client data base managing part 13 receives **software** registration information, **retrieves** a client management **data base** 41, returns the **compared** result to a client 2, and transmits software uninstalled in the client 2 through a software distributing part 12 to the client 2. The software install part 23 receives the software and the **compared** result, and installs the software, and the software registration **data base** managing part 24 **updates** the **software management data base** 42.

14/5/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05197554 **Image available**
FILE TRANSFER SYSTEM

PUB. NO.: 08-153054 [JP 8153054 A]
PUBLISHED: June 11, 1996 (19960611)
INVENTOR(s): KAGIWADA ATSUSHI
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-292731 [JP 94292731]
FILED: November 28, 1994 (19941128)
INTL CLASS: [6] G06F-013/00; G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To provide a means enhancing the efficiency of file transfer between **server** and client and to make this efficiency enhancing means to apply to file transfer between spots with a time difference.

CONSTITUTION: A client 10 is provided with a final transfer date table 11 of the date receiving the transfer of a file 12 and a means sending back the file name and the final transfer date by pairing at the time of a file transfer request. The **server** 20 is provided with an update date table of the date updating a file 22 and a means comparing an update date and a final transfer date at the time of receiving the file transfer request and processing a transfer request. Besides, in order to solve the problem on the time difference, the client 10 is provided with a table holding the time difference between the client and the **server** 20.

14/5/9 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015365265 **Image available**
WPI Acc No: 2003-426203/200340
XRPX Acc No: N03-340521

Updated data provision method used in e.g. customer management system, involves comparing update information received from client with prestored information, for determining additional update information

Patent Assignee: YOKU SYSTEM KK (YOKU-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003140949	A	20030516	JP 2001339445	A	20011105	200340 B

Priority Applications (No Type Date): JP 2001339445 A 20011105

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003140949	A		9	G06F-012/00	

Abstract (Basic): JP 2003140949 A

NOVELTY - The update information received from a client (100) by a **server** (200), is compared with the prestored information in the **database** (204). The additional update information in the received information is determined based on the comparison result and the additional update information is notified to the client.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) update data acquisition method;
- (2) update data provision apparatus;
- (3) program for instructing information processor to transmit update data; and

(4) data update apparatus.

USE - For providing updated data in customer management system, inventory control system.

ADVANTAGE - Automatic provision of updated information to the client terminal is enabled:

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the updated data provision apparatus. (Drawing includes non-English language text).

client (100)

server (200)

database (204)

pp; 9 DwgNo 1/5

Title Terms: UPDATE; DATA; PROVISION; METHOD; CUSTOMER; MANAGEMENT; SYSTEM;

COMPARE ; UPDATE; INFORMATION; RECEIVE; CLIENT; INFORMATION; DETERMINE;

ADD; UPDATE; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-013/00; G06F-015/00

File Segment: EPI

14/5/14 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015094089 **Image available**

WPI Acc No: 2003-154607/200315

Method for upgrading software , and recording medium, server and client system therefor

Patent Assignee: SAMSUNG SDS CO LTD (SMSU)

Inventor: KIM G J

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002076599	A	20021011	KR 200116578	A	20010329	200315 B
KR 361191	B	20021123	KR 200116578	A	20010329	200334

Priority Applications (No Type Date): KR 200116578 A 20010329

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

KR 2002076599	A	1	G06F-015/00	
---------------	---	---	-------------	--

KR 361191	B		G06F-015/00	Previous Publ. patent KR 2002076599
-----------	---	--	-------------	-------------------------------------

Abstract (Basic): KR 2002076599 A

NOVELTY - A method for upgrading a software , and a recording medium, a server and a client system therefor are provided to upgrade software installed in a client system such as a user computer automatically by connecting to one server .

DETAILED DESCRIPTION - A user connects to a software upgrade supporting server (311). Analysis control information including information for analyzing a software in a client system is received from the software upgrade supporting server (314). An analysis result with respect to the software in the client system is transmitted to the server using the analysis control information(315). The analysis result is compared with information with respect to a software stored in a database of the server , and the created upgrade-possible software list is received and displayed to the user(316). A software to be upgraded out of the upgrade-possible software list is selected by the user and received(317). A file necessary for upgrading the software selected/received from the server and an installation control information including information necessary for upgrading the software are downloaded , and the software is upgraded (318-319).

pp; 1 DwgNo 1/10

Title Terms: METHOD; UPGRADING; SOFTWARE; RECORD; MEDIUM; SERVE; CLIENT; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

14/5/17 (Item 9 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014832657 **Image available**
WPI Acc No: 2002-653363/200270

Method for upgrading software by one click operation over internet
Patent Assignee: JI S J (JISJ-I)

Inventor: JI S J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002031201	A	20020501	KR 200061501	A	20001019	200270 B

Priority Applications (No Type Date): KR 200061501 A 20001019

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002031201	A	1	G06F-017/00	

Abstract (Basic): KR 2002031201 A

NOVELTY - A software upgrading method is provided to enable a member to detect and display version data of a hardware or a software installed at a computer by one click operation, to download the latest version of the detected hardware driver or the latest patch file of the detected software also by one click operation.

DETAILED DESCRIPTION - The method comprises steps of a user accessing a service site, and the service site allocating an ID and a password to the user if the user inputs personal data and subscribes for a member of the service site(S1), the user selecting one among detecting a hardware, detecting a software, and downloading a hardware and software detection program (S2), if the user selects the hardware detection menu, the user making a server execute a hardware detection program and detect a hardware of a user computer over the internet(S3), the server comparing the detected hardware version with version data stored in a device driver management database(S4), the server displaying a list of corresponding device drivers if higher versions exist(S5), the user selecting one among the displayed list, and then the server transmitting the selected version to the user computer(S6), if the user selects the software detection menu, the user making a server execute a software detection program and detect a software of a user computer over the internet(S7), the server comparing the detected software version with version data stored in a patch file management database (S8), the server displaying a list of corresponding patch files if higher versions exist(S9), the user selecting one among the displayed list, and then the server transmitting the selected patch file to the user computer(S10), the server displaying an advertisement while transmitting the device driver or the patch file to the user computer(S11), and the server transmitting an upgrade information via an e-mail if the latest driver or patch file occurs(S12).

pp; 1 DwgNo 1/10

Title Terms: METHOD; UPGRADING; SOFTWARE; ONE; CLICK; OPERATE

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

14/5/19 (Item 11 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014633564 **Image available**
WPI Acc No: 2002-454268/200248

XRPX Acc No: N02-358342

Automated software distribution method for factory, involves comparing

version information of loaded and available softwares to copy available software on remote server

Patent Assignee: BRYAN J M (BRYA-I); BUTTS D A (BUTT-I); HYDEN W P (HYDE-I); WONG R W (WONG-I); DELL PROD LP (DELL-N)

Inventor: BRYAN J M; BUTTS D A; HYDEN W P; WONG R W

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020059242	A1	20020516	US 99303167	A	19990430	200248 B
US 6421671	B1	20020716	US 99303167	A	19990430	200248

Priority Applications (No Type Date): US 99303167 A 19990430

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

US 20020059242	A1	6	G06F-007/00	
----------------	----	---	-------------	--

US 6421671	B1		G06F-017/30	
------------	----	--	-------------	--

Abstract (Basic): US 20020059242 A1

NOVELTY - A **database** (44) of configuration information including **version** information of loaded **software** stored on a remote **server** (64) and available software to be loaded onto remote **server**, is maintained. The version information of the available and loaded softwares are **compared** when a user's **request** for loading the available **software** on the **server** is received. The available software is copied onto the **server** based on **comparison** result.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for automated software distribution system.

USE - For allowing customer to choose configuration of purchased system having various software options like operating systems, device drivers and application programs in different languages, by maintaining a large number of software packages in factory.

ADVANTAGE - Prevents the inadvertent replacement of current software with obsolete software, allowing for a more productive factory, by reducing the time and cost associated with remedying an inadvertent replacement of current **software**, by **comparing** the respective **version** information. Maintains user logs of electronic signatures, enabling easier diagnosing and correcting when a problem occurs. Also provides immediate feedback to a user, if a **request** corrupts the **software** currently loaded upon the remote **server** which reduces or eliminates the problems of conflicting requests.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of automated software distribution system.

Database (44)

Remote **server** (64)

pp; 6 DwgNo 2/2

Title Terms: AUTOMATIC; SOFTWARE; DISTRIBUTE; METHOD; FACTORY; **COMPARE** ;
VERSION; INFORMATION; LOAD; AVAILABLE; COPY; AVAILABLE; SOFTWARE; REMOTE;
SERVE

Derwent Class: T01

International Patent Class (Main): G06F-007/00; G06F-017/30

File Segment: EPI

14/5/20 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014605242 **Image available**

WPI Acc No: 2002-425946/200245

XRPX Acc No: N02-334939

Automatic software updating method for networks, involves verifying **absence of** software update in target computer and starting download of update in update server

Patent Assignee: PATCHLINK.COM CORP (PATC-N)

Inventor: ANDREW C A H; BACON M; FERGUSON D; GORDON J M; HORTON J J; HUDLER J L; LANE J; LI L; MOSHIR S; WILLIAMS N

Number of Countries: 095 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
-----------	------	------	-------------	------	------	------

WO 200225438 A1 20020328 WO 2001US29863 A 20010920 200245 B
AU 200194677 A 20020402 AU 200194677 A 20010920 200252
US 20020100036 A1 20020725 US 2000234680 A 20000922 200254
US 2001957673 A 20010920

Priority Applications (No Type Date): US 2000234680 P 20000922; US
2001957673 A 20010920

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200225438 A1 E 66 G06F-009/455

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200194677 A G06F-009/455 Based on patent WO 200225438

US 20020100036 A1 G06F-009/445 Provisional application US 2000234680

Abstract (Basic): WO 200225438 A1

NOVELTY - Information about a target computer is compared with a patch fingerprint in memory, to judge whether specific update is absent in target computer. A task identifier is placed on an update task list of update server, when specific conditions are satisfied. A task is started to download the update from a package computer to the update server. If the download is successful, another download server is enabled and the downloads are monitored.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Target computer;

(b) Repository component system;

(c) Storage medium storing software updating program

USE - For updating software in client-server system and networks. Also for software deployment and installation across computer networks.

ADVANTAGE - Updates software without the need for human oversight and without requiring that target network administrative machine keep copies of software patches. Removes the updates from the affected machines, leaving them in a usable state when a problem is discovered during installation with an installed patch.

DESCRIPTION OF DRAWING(S) - The figure illustrates the automated method for attempting software update.

pp; 66 DwgNo 3/9

Title Terms: AUTOMATIC; SOFTWARE; UPDATE; METHOD; NETWORK; VERIFICATION;

ABSENCE; SOFTWARE; UPDATE; TARGET; COMPUTER; START; UPDATE; UPDATE; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-009/445; G06F-009/455

International Patent Class (Additional): G06F-015/177

File Segment: EPI

14/5/21 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014387212 **Image available**

WPI Acc No: 2002-207915/200227

XRPX Acc No: N02-158554

Client-server system specifies files by comparing local and received update lists, and transmits transfer request for specified files to server from which specified files are received to update local update list

Patent Assignee: NIFTY CORP (NIFT-N); NIFTY KK (NIFT-N); KENMOTSU T

(KENM-I); KOBAYASHI T (KOBAYASHI-I); NAKAIZUMI T (NAKA-I); SATOH O (SATO-I);

SUZUKI R (SUZU-I)

Inventor: KENMOTSU T; KOBAYASHI T; NAKAIZUMI T; SATOH O; SUZUKI R

Number of Countries: 028 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1150207	A2	20011031	EP 2001109486	A	20010425	200227 B
US 20020029244	A1	20020307	US 2001842179	A	20010426	200227
JP 2001306536	A	20011102	JP 2000125119	A	20000426	200227

Priority Applications (No Type Date): JP 2000125119 A 20000426

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1150207	A2	E	13 G06F-009/445	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

US 20020029244 A1 G06F-015/16

JP 2001306536 A 11 G06F-015/16

Abstract (Basic): EP 1150207 A2

NOVELTY - A **server** (50) transmits an **update list** (51) after receiving a processing start request from a client system. The client system specifies several **files** by **comparing** a local **update list** with the received **update list** and transmits a transfer request for the specified **files** to the **server**. The specified files received from the **server** are stored based on which the local **update list** is **updated**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Computer readable medium;
- (b) Computer executable program product

USE - Client- **server** system.

ADVANTAGE - If several **updated files** exist in the **server** system, the **files** are automatically **downloaded** into the client system. As the software for performing the specific processing is updated automatically, user of each client apparatus always uses the software in the latest condition without doing any work concerning **updating software**.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of the client- **server** system.

Server (50)

Update list (51)

pp; 13 DwgNo 1/7

Title Terms: CLIENT; SERVE; SYSTEM; SPECIFIED; FILE; **COMPARE** ; LOCAL; RECEIVE; UPDATE; LIST; TRANSMIT; TRANSFER; REQUEST; SPECIFIED; FILE; SERVE; SPECIFIED; FILE; RECEIVE; UPDATE; LOCAL; UPDATE; LIST

Derwent Class: T01

International Patent Class (Main): G06F-009/445; G06F-015/16

International Patent Class (Additional): G06F-009/44; G06F-013/00; G06F-015/177

File Segment: EPI

14/5/23 (Item 15 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014163293 **Image available**

WPI Acc No: 2001-647521/200174

Related WPI Acc No: 1999-059473; 2000-223308; 2002-237646

XRFX Acc No: N01-483775

Software upgrade in cellular system, involves maintaining software update schedule table and determining whether version of operating software is current then performing wireless updating

Patent Assignee: TELXON CORP (TELX-N)

Inventor: COWAN P A; CRISS M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6308061	B1	20011023	US 96694637	A	19960807	200174 B
			US 9823857	A	19980213	
			US 99234813	A	19990121	

Priority Applications (No Type Date): US 99234813 A 19990121; US 96694637 A 19960807; US 9823857 A 19980213

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
US 6308061	B1		44	H04M-003/00	Cont of application US 96694637 CIP of application US 9823857 Cont of patent US 5848064

Abstract (Basic): US 6308061 B1

NOVELTY - The host computer (30) transmit a File Name Packet (128) to the mobile terminal (36) which will include a header (129) and a **comparison** result field (133). If in the event, the **comparison** performed by the host computer show that the version in the mobile phone is the same as the **latest** version, no additional **download** is necessary. If not, the host computer includes in the **comparison** result field the **file** name to be **downloaded** from the **FTP server**.

DETAILED DESCRIPTION - The system involves maintaining a **software update** schedule **table** in a cellular phone which enquire as to whether an **upgrade** of the operating **software** is available being determined by the **update** schedule **table**.

INDEPENDENT CLAIMS are included for a mobile phone and a communication system.

USE - For wirelessly **upgrading** cellular phones with **software** currently outdated.

ADVANTAGE - It provides updates which may be scheduled at low activity period without the need for an operator to physically activate the cellular phone to a full power. It enhances the update provided by the host computer and **FTP server** in sequential, non-overlapping time intervals during low-load periods so as to minimize wireless interference and contention in **obtaining** access to the **upgrades software files**.

DESCRIPTION OF DRAWING(S) - The diagram represent schematically a process in which information packets are exchanged between a mobile terminal and a host computer to identify and transfer **upgraded software**.

Host computer (30)
Mobile terminal (36)
File name packet (128)
Header (129)
Result field (133)
pp; 44 DwgNo 7a/22

Title Terms: SOFTWARE; UPGRADING; CELLULAR; SYSTEM; MAINTAIN; SOFTWARE; UPDATE; SCHEDULE; TABLE; DETERMINE; VERSION; OPERATE; SOFTWARE; CURRENT; PERFORMANCE; WIRELESS; UPDATE

Derwent Class: T01; W01; W02

International Patent Class (Main): H04M-003/00

International Patent Class (Additional): H04B-001/38

File Segment: EPI

14/5/26 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013439251 **Image available**

WPI Acc No: 2000-611194/200058

XRPX Acc No: N00-452614

Method for delivering frequently updated information

Patent Assignee: HITACHI LTD (HITA); HITACHI SOFTWARE ENG CO LTD (HISF)

Inventor: ITOU M; OOI Y; SAKANISHI Y

Number of Countries: 024 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200033193	A1	20000608	WO 98JP5378	A	19981130	200058 B
JP 2000585767	X	20020319	WO 98JP5378	A	19981130	200235
			JP 2000585767	A	19981130	

Priority Applications (No Type Date): WO 98JP5378 A 19981130

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 200033193 A1 J 34 G06F-012/00
Designated States (National): CA CN JP KR SG US
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE
JP 2000585767 X G06F-012/00 Based on patent WO 200033193

Abstract (Basic): WO 200033193 A1

NOVELTY - Version of information already received by client is transmitted to **server** and only updated part is delivered by extracting difference between information composing **list** of **version** being managed on **server** side and information of latest version. Alternatively, information indicating composition of information from client is transmitted and **compared** with latest information on **server** side and only updated part is delivered by extracting difference.

USE - Delivers frequently updated information to client.

ADVANTAGE - Secure and efficient delivery of updated information to client.

DESCRIPTION OF DRAWING(S) - Diagram of system for delivering information.

Receiving side (a)

Transmitting side (b)

Cache (e)

Update of **database** (f)

Request for **update** information (802)

Request for transmitting composition list (806)

Transmission of composition list (808)

Delivery of latest information (813)

pp; 34 DwgNo 8/16

Title Terms: METHOD; DELIVER; FREQUENT; UPDATE; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-012/00

File Segment: EPI

14/5/29 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012887314 **Image available**

WPI Acc No: 2000-059148/200005

XRPX Acc No: N00-046373

Transmitting and receiving method for information on file - involves downloading and storing file acquired from server when acquisition demand of file to server is published based on download condition set when content of download file list is updated

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11316721	A	19991116	JP 98121068	A	19980430	200005 B

Priority Applications (No Type Date): JP 98121068 A 19980430

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 11316721 A 17 G06F-013/00

Abstract (Basic): JP 11316721 A

NOVELTY - The **file** acquired from a **server** is downloaded and stored when **acquisition** demand o **file** to the **server** is published based on download condition set when the content of a **download file list** is **updated** after being **compared** with **acquired download file list**. DETAILED DESCRIPTION - The **download** condition described for every different **download file lists** is set when **acquisition demand of download file list** is published. INDEPENDENT CLAIMS are also included for the following: a file transmitting and receiving system; and a memory medium used in storing file transmitting and

receiving program.

USE - For information on file.

ADVANTAGE - Prevents concentration of load to **server** by shifting and setting time downloaded to terminal, thus **server** load is reduced. Shortens user's queuing time accompanied by **file acquisition**.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of file transmitting and receiving method.

Dwg.1/10

Title Terms: TRANSMIT; RECEIVE; METHOD; INFORMATION; FILE; STORAGE; FILE;
ACQUIRE; SERVE; ACQUIRE; DEMAND; FILE; SERVE; BASED; CONDITION; SET;
CONTENT; FILE; LIST; UPDATE

Derwent Class: T01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-012/00

File Segment: EPI

?

25/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06403528 **Image available**
INFORMATION PROCESSOR AND SOFTWARE DISTRIBUTION AND INSTALL SYSTEM

PUB. NO.: 11-345183 [JP 11345183 A]
PUBLISHED: December 14, 1999 (19991214)
INVENTOR(s): KIHARA KENICHI
HIRATA TOSHIKI
MIYAZAKI SATOSHI
TOZONO RYOJI
WATANABE TOMONORI
APPLICANT(s): HITACHI LTD
APPL. NO.: 10-150929 [JP 98150929]
FILED: June 01, 1998 (19980601)
INTL CLASS: G06F-013/00 ; G06F-009/06 ; G06F-009/445

ABSTRACT

PROBLEM TO BE SOLVED: To prevent the loss of information due to the multiple setting of user information by dividing the constituting elements of install processing into the setting of information related with a user and the setting of information related with a machine, and individually setting each.

SOLUTION: A software package 1 collects information necessary for installation of software to be distributed and installed to a client. An install element decomposing part 2 decomposes the content of the software package 1 into user information update data 91 and machine information update data 92. A distribution managing part 3 distributes the contents of the user information update data 91 and the machine information update data 92 received from the element decomposing part 2 respectively to a server 4 and a client 5. The server 4 updates the content of a user information holding means 43, based on the received user information update data 91 and the client 5 updates the content of a state holding means 53, based on the received machine information update data 92.

COPYRIGHT: (C)1999, JPO

25/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06296418 **Image available**
MANAGEMENT DEVICE/METHOD FOR DATA BASE AND RECORDING MEDIUM RECORDING THE METHOD

PUB. NO.: 11-238010 [JP 11238010 A]
PUBLISHED: August 31, 1999 (19990831)
INVENTOR(s): SHIGESATO TAKAHIRO
APPLICANT(s): NEC CORP
APPL. NO.: 10-040474 [JP 9840474]
FILED: February 23, 1998 (19980223)
INTL CLASS: G06F-012/00 ; G06F-012/14 ; G06F-015/00 ; G06F-015/00 ;
G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To synchronize the change of a password with the change of user data and to execute a change processing.

SOLUTION: The device is constituted of a management server 1 and a client computer 2 managed by the management server 1. A data base 3 which the management server 1 manages can be updated based on the passwords allocated to the client computers 2. The client computer 2 is provided with a temporary management file 21 writing the new/old passwords at the time of changing the password and a means 22 sending new/old password data of the file to the management server 1. The management server 1 is provided

with a means 11 receiving data of the temporary management file 21 from the client computer 2, a means 12 registering new/old password data in the **data base** and a data **update** means 13 which **collectively** and simultaneously **updates** the password and user **data** based on the new/old password.

COPYRIGHT: (C)1999, JPO

25/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05743992 **Image available**
MANAGING METHOD FOR SOFTWARE

PUB. NO.: 10-027092 [JP 10027092 A]
PUBLISHED: January 27, 1998 (19980127)
INVENTOR(s): ABE NANA
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-182965 [JP 96182965]
FILED: July 12, 1996 (19960712)
INTL CLASS: [6] G06F-009/06
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT

PROBLEM TO BE SOLVED: To make it easy to grasp the version of a group set by storing the state of the **version** in a **version** management **file** and performing **version** management by group sets.

SOLUTION: To revise all files using the same software at a time, software distributed to a **server** 2 and clients 3a-3d is classified by its operation and **files** using the classified **software** are **grouped**. Those **files** are **grouped** by the same **software** and also software installed on the **server** 2 and that installed on the clients 3a-3d, and further put in **groups** sets by **software** for operation A and software for operation B. Then the state of the version is stored in a **version** management **file** in a manager and the **version** management is performed by the group sets.

25/5/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

(not used)

05728170 **Image available**
CORRECTNESS CHECKING SYSTEM FOR SOFTWARE PRODUCT FILE

PUB. NO.: 10-011270 [JP 10011270 A]
PUBLISHED: January 16, 1998 (19980116)
INVENTOR(s): YAMAZAKI TAKASHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-163098 [JP 96163098]
FILED: June 24, 1996 (19960624)
INTL CLASS: [6] G06F-009/06
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT

PROBLEM TO BE SOLVED: To improve the reliability concerning the propriety of a file to be included in the product, to reduce the man-hour, and to easily confirm the difference between **versions** by automatically checking the **file** which should be included in a software product.

SOLUTION: A master disk 22 storing a **group** of product **files** and a file managing **server** 23 storing a managing file for managing a file list are connected to LAN(local area network) 20. By **updating** the managing **file** each time of changing a product file in the process of software development

and executing a script file at the time of shipping products, a product file to compress is automatically selected based on the managing file and the managing file and a managing file used at the time of last shipping are compared to automatically check the difference between versions.

25/5/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04700652 **Image available**
MANAGEMENT METHOD FOR QUALITY INFORMATION NETWORK

PUB. NO.: 07-021252 [JP 7021252 A]
PUBLISHED: January 24, 1995 (19950124)
INVENTOR(s): NAGAOKA MASAO
APPLICANT(s): HONDA MOTOR CO LTD [000532] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-143831 [JP 93143831]
FILED: June 15, 1993 (19930615)
INTL CLASS: [6] G06F-017/60
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 25.2 (MACHINE TOOLS -- Cutting & Grinding); 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT

PURPOSE: To efficiently and constantly perform processing of quality information from multiple terminal equipments in a quality management system by always and continuously managing in file quality information and collating filed quality information with production specification which is independently managed by a production management system.

CONSTITUTION: Quality information consisting of plural elements is inputted to the plural terminal equipments in the assembly/inspection line of a production factory, and a network filed in the file server SV of the quality management system SYS is managed. Here, the stage 102a of setting 2 which sets the operation mode of an input terminal equipment based on the state of the quality management system SYS, the stage 103a of filling 2 which generates an input file by receiving prescribed quality information for respective vehicles and updates the history of the input file, and the stage 104a of a report 2 which collects the input files into a synthetic file are provided. Even if the file server SV breaks down, held quality information is securely filed.

25/5/15 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014269374 **Image available**
WPI Acc No: 2002-090072/200212
XRPX Acc No: N02-066321

Virtual system configuration server for Linux computer systems,
utilizes collection of new software modules, information regarding
the collection of software modules, and a specific rules language for
supporting system managers

Patent Assignee: ADUVA INC (ADUV-N)
Inventor: SEGAL H; SEGAL U; TE'ENI M
Number of Countries: 095 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200193020	A2	20011206	WO 20011L209	A	20010305	200212 B
AU 200137703	A	20011211	AU 200137703	A	20010305	200225

Priority Applications (No Type Date): US 2000586685 A 20000601
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 200193020 A2 E 37 G06F-009/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200137703 A G06F-009/00 Based on patent WO 200193020

Abstract (Basic): WO 200193020 A2

NOVELTY - Information related to software components gathered and researched. Relevant component **objects** and associated information **collected** and stored. Dependency relationships of the collected components encoded into model of dependency rules. Dependency rules validated and made available to system managers of connectable client system to utilize the collected, stored and encoded information to perform a conflict-free virtual system upgrade.

DETAILED DESCRIPTION - INDEPENDENT CLAIM is also included for the following: virtual system configuration system

USE - For computer systems.

ADVANTAGE - The system produces a dependency-conflict-free system configuration file thereby making available the option to system managers to perform a conflict-free **software** system **upgrade** process. The automated system management support is conducive to fast, solid, efficient and trouble-free system upgrade. Aids and assist system managers in the exacting tasks related to the maintenance of complex and dynamically evolving contemporary computer systems.

DESCRIPTION OF DRAWING(S) - The diagram shows a block diagram of the computerized environment in which the virtual system configurator is operating in accordance with the present invention

Linux operating system (34)

virtual upgrade module (37)

system upgrade information table (35)

pp; 37 DwgNo 1/5

Title Terms: VIRTUAL; SYSTEM; CONFIGURATION; SERVE; COMPUTER; SYSTEM;

COLLECT; NEW; SOFTWARE; MODULE; INFORMATION; COLLECT; SOFTWARE; MODULE;
SPECIFIC; RULE; LANGUAGE; SUPPORT; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-009/00

File Segment: EPI

25/5/17 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013871163 **Image available**

WPI Acc No: 2001-355375/200137

Related WPI Acc No: 2001-464862; 2002-034051

XRPX Acc No: N01-258231

Multi-user file access service providing method for WAN, involves maintaining integrity of files at remote file server node by controlling file access so that each access is performed on most recently updated file

Patent Assignee: MANGOSOFT CORP (MANG-N)

Inventor: DAVIS S H; DIETTERICH D J; NYMAN S E; PHILLIPS R S; PORTER D

Number of Countries: 094 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200133361	A1	20010510	WO 2000US30077	A	20001101	200137 B
AU 200114509	A	20010514	AU 200114509	A	20001101	200149
TW 487843	A	20020521	TW 2000123020	A	20001123	200320
TW 498217	A	20020811	TW 2000123019	A	20001123	200331

Priority Applications (No Type Date): US 99163008 P 19991101

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200133361 A1 E 121 G06F-012/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA

CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200114509 A G06F-012/00 Based on patent WO 200133361
TW 487843 A G06F-012/00
TW 498217 A G06F-015/167

Abstract (Basic): WO 200133361 A1

NOVELTY - Each user of pre-subscribed user group is enabled to operate an arbitrary client node and to access the files of the file group. The integrity of the files at the remote server nodes (61,62) is maintained by controlling each access to each file, so that each access is performed most recently updated file. Multiple users are permitted to access the file group at the server simultaneously.

DETAILED DESCRIPTION - Each client node adheres to explicit and implicit file sharing modes specified by native file application programming interfaces. An interface is provided for adapting file access at a client by designating each of accessible files of the file group as stored on a virtual storage device. An INDEPENDENT CLAIM is also included for multi-user file access service providing system.

USE - For providing file access service over wide area networks such as Internet.

ADVANTAGE - Security is ensured by providing authentication to client and remote file server nodes and a security channel prior to communicating sensitive information. By maintaining the integrity of files, all native operating system application programming interfaces are enabled to operate, so that all multi user applications accessing the files function as if remote server node and client nodes were on the same network.

DESCRIPTION OF DRAWING(S) - The figure illustrates a typical architecture of multi-user file storage providing system.

Remote server nodes (61,62)
pp; 121 DwgNo 3/15

Title Terms: MULTI; USER; FILE; ACCESS; SERVICE; METHOD; WAN; MAINTAIN;
INTEGRITY; FILE; REMOTE; FILE; SERVE; NODE; CONTROL; FILE; ACCESS; SO;
ACCESS; PERFORMANCE; RECENT; UPDATE; FILE

Derwent Class: T01

International Patent Class (Main): G06F-012/00 ; G06F-015/167

International Patent Class (Additional): G06F-013/00 ; G06F-013/14 ;
G06F-013/362

File Segment: EPI

25/5/21 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013097741 **Image available**

WPI Acc No: 2000-269613/200023

Related WPI Acc No: 2001-535049

XRPX Acc No: N00-201787

System for providing automated updating and upgrading of anti-virus applications using a computer and push agent software installed on a server computer

Patent Assignee: NETWORK ASSOC INC (NETW-N)

Inventor: HODGES V; O'DONNELL S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6035423	A	20000307	US 971611	A	19971231	200023 B

Priority Applications (No Type Date): US 971611 A 19971231

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6035423	A	22	G06F-011/00	

Abstract (Basic): US 6035423 A

NOVELTY - Client computers (1008) may correspond with the marketing department of a company and a **server** computer (1020) is preferably loaded with a **group update** agent anti-virus **software** package capable of automatically **updating** the client computers using a push technology method in a manner which is transparent to the system administrator (1022) and to the users. The anti-virus updates are received by the **server** computer from a central **server** (1002) over the Internet (1004) and the updates are installed with minimum involvement of the administrator.

USE - Maintaining and **updating** anti-virus **software applications** in computers attached to a computer network.

ADVANTAGE - Automatic anti-virus **software updating** distribution to user nodes.

DESCRIPTION OF DRAWING(S) - The drawing shows a computer network according to a preferred embodiment of the invention

Client computers (1008)

Server computer (1020)

Central **server** (1002)

Internet (1004)

pp; 22 DwgNo 10/12

Title Terms: SYSTEM; AUTOMATIC; UPDATE; UPGRADING; ANTI; VIRUS; APPLY; COMPUTER; PUSH; AGENT; SOFTWARE; INSTALLATION; SERVE; COMPUTER

Derwent Class: T01

International Patent Class (Main): G06F-011/00

International Patent Class (Additional): G06F-013/00 ; G06F-015/176

File Segment: EPI

25/5/22 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012933344 **Image available**

WPI Acc No: 2000-105191/200009

Related WPI Acc No: 2000-316926; 2002-253983

XRPX Acc No: N00-080818

Chained query component object generating method for accessing server database in database computing system by application program

Patent Assignee: ORGANICNET INC (ORGA-N); VELOCITY.COM INC (VELO-N)

Inventor: BOES K M; LONG J L; MCCOMB D W; STEPHENSON M

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6006224	A	19991221	US 9737941	P	19970214	200009 B
			US 9738387	P	19970214	
			US 9738390	P	19970214	
			US 9823167	A	19980213	
US 6111573	A	20000829	US 9737941	P	19970214	200043
			US 9738387	P	19970214	
			US 9738390	P	19970214	
			US 9823364	A	19980213	

Priority Applications (No Type Date): US 9823167 A 19980213; US 9737941 P 19970214; US 9738387 P 19970214; US 9738390 P 19970214; US 9823364 A 19980213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6006224	A		18	G06F-017/30	Provisional application US 9737941
					Provisional application US 9738387
					Provisional application US 9738390
US 6111573	A			G06F-003/14	Provisional application US 9737941
					Provisional application US 9738387
					Provisional application US 9738390

Abstract (Basic): US 6006224 A

NOVELTY - Query component objects are constructed from

corresponding query subclasses and data from each query component that satisfy variable declaration in subclass. Message paths are provided within each query component object to allow message to be passed from each query component object to selected other query component objects. Data describing chained query component with corresponding subclass is stored.

DETAILED DESCRIPTION - The query generated in the application computing system is paired to provide query components. The query class containing subclasses is provided to the query. Each subclass contains variable declarations and methods the modification of attributes and relationship of specified **objects** is enabled by the **updated** subclass. The deletion of specified **group** of **objects** is enabled by delete subclass.

An **INDEPENDENT CLAIM** is also included for query system.

USE - For generating chained query component objects for accessing **server** database in database computing system by application program of computing system.

ADVANTAGE - Facilitates storage of text describing query components and data describing attributes, relationship of query components. Facilitates reuse/build of query components by storing data describing attributes, relationship of query components. Enables storage of query chain in unexecuted state or with actual result by executed query. Enables naming of persistent query chains. Facilitates verification of integrity of stored query objects using available data integrity technique. Improves reliability of database system by including data integrity verification technique. Enables easy maintenance and **upgrading** of query **object**. Facilitates data alteration without halting database function.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of **server** side query system.

pp; 18 DwgNo 2/8

Title Terms: CHAIN; QUERY; COMPONENT; OBJECT; GENERATE; METHOD; ACCESS;

SERVE; DATABASE; DATABASE; COMPUTATION; SYSTEM; APPLY; PROGRAM

Derwent Class: T01

International Patent Class (Main): G06F-003/14 ; G06F-017/30

International Patent Class (Additional): G06F-015/00

File Segment: EPI

25/5/24 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012465701 **Image available**

WPI Acc No: 1999-271809/199923

XRPX Acc No: N99-203374

File specification procedure used in client server software distribution system - has software receiving process unit which selects and forwards software file for distribution depending on desired software version

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11085527	A	19990330	JP 97243749	A	19970909	199923 B

Priority Applications (No Type Date): JP 97243749 A 19970909

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11085527	A	11	G06F-009/445	

Abstract (Basic): JP 11085527 A

NOVELTY - Several related **software** files are collected and **updated** to latest **version**. The **updated** files are stored by a **software** transmitter (2). The software file for distribution is selected and forwarded depending on desired **version** by a **software** receiving process unit (5).

USE - For user in client- **server** software distribution system.

ADVANTAGE - Forwarding of only desired files is done and transition to desired version is enabled by performing selection of software file for distribution. DESCRIPTION OF DRAWING(S) - The figure is a block diagram of software distributing system. (2) Software transmitter; (5) Software receiving process unit.

Dwg.1/5

Title Terms: FILE; SPECIFICATION; PROCEDURE; CLIENT; SERVE; SOFTWARE; DISTRIBUTE; SYSTEM; SOFTWARE; RECEIVE; PROCESS; UNIT; SELECT; FORWARD; SOFTWARE; FILE; DISTRIBUTE; DEPEND; SOFTWARE; VERSION

Derwent Class: T01

International Patent Class (Main): G06F-009/445

International Patent Class (Additional): G06F-009/06 ; G06F-013/00

File Segment: EPI

25/5/26 (Item 17 from file: 350) = 25/5/7
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

011738741 **Image available**

WPI Acc No: 1998-155651/199814

XRFX Acc No: N98-124277

Software version management method for network system with server , client and manager - by storing state of version to version management file of manager, and performing version management for every software group

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10027092	A	19980127	JP 96182965	A	19960712	199814 B

Priority Applications (No Type Date): JP 96182965 A 19960712

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10027092	A	6	G06F-009/06	

Abstract (Basic): JP 10027092 A

The method involves providing a version used to group softwares which operate in a **server** or a client according to the service. The groups are registered to a manager. The state of the version is stored to a **version management file** of the manager.

Version management is done for every **software group** . Preferably, the state during reservation, implementation and cutoff return waiting is provided in the **version management file** for every **software group** .

ADVANTAGE - **Software version** can be easily known by doing **version management** for each **software group**. Avoids use of different **software versions** among **files** , and avoids distribution of old **software version** . **Version transition state of software** can be easily known by storing state of each **version** to **version management file** of manager, thus allowing flexible **version modification**.

Dwg.1/5

Title Terms: SOFTWARE; VERSION; MANAGEMENT; METHOD; NETWORK; SYSTEM; SERVE; CLIENT; MANAGE; STORAGE; STATE; VERSION; VERSION; MANAGEMENT; FILE; MANAGE; PERFORMANCE; VERSION; MANAGEMENT; SOFTWARE; GROUP

Derwent Class: T01

International Patent Class (Main): G06F-009/06

File Segment: EPI

25/5/27 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

011718330 **Image available**

WPI Acc No: 1998-135240/199813

XRFX Acc No: N98-107064

Software corrigenda file inspection system for slipment management system
- compares present management file and management file corresponding to
previous transfer and checks of version differentiation, automatically

Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10011270	A	19980116	JP 96163098	A	19960624	199813 B

Priority Applications (No Type Date): JP 96163098 A 19960624

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10011270	A		7	G06F-009/06	

Abstract (Basic): JP 10011270 A

The system uses multiple terminals (21) connected through a network (20) for developing a software product. A product file group which comprises the software product is stored in a master disk (22) connected to the network. The stored product file is compressed and transferred to a product media. A file control server (23) is connected with the network. The server stores a management file for performing the file list management. The management file is updated whenever the product file is altered.

When the software product is transferred, the product file to be compressed based on the management file is selected, automatically. The present management file and the management file used during previous transfer are compared and any change in version is detected, automatically.

ADVANTAGE - Enables to confirm change version easily. Improves reliability and maintenance property of product production.

Dwg.1/5

Title Terms: SOFTWARE; FILE; INSPECT; SYSTEM; MANAGEMENT; SYSTEM; COMPARE; PRESENT; MANAGEMENT; FILE; MANAGEMENT; FILE; CORRESPOND; TRANSFER; CHECK; VERSION; DIFFERENTIAL; AUTOMATIC

Derwent Class: T01

International Patent Class (Main): G06F-009/06

File Segment: EPI

25/5/33 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

010756211 **Image available**

WPI Acc No: 1996-253166/199626

XRPX Acc No: N96-212775

Reducing overhead in mobile communications system - dynamically identifying recently updated objects in group and excluding objects according to invalidation broadcast

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: CHEN M; WU K; YU P S

Number of Countries: 005 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 714066	A2	19960529	EP 95114510	A	19950915	199626 B
JP 8235064	A	19960913	JP 95296587	A	19951115	199647
EP 714066	A3	19970611	EP 95114510	A	19950915	199735
US 6128648	A	20001003	US 94344325	A	19941123	200050
EP 714066	B1	20030502	EP 95114510	A	19950915	200330

Priority Applications (No Type Date): US 94344325 A 19941123

Cited Patents: 3.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 714066	A2	E	12	G06F-012/08	

Designated States (Regional): DE FR GB

JP 8235064	A	10	G06F-012/08
------------	---	----	-------------

EP 714066	A3		G06F-012/08
-----------	----	--	-------------

US 6128648 A G06F-015/163
EP 714066 B1 E G06F-012/08
Designated States (Regional): DE FR GB

Abstract (Basic): EP 714066 A

Data objects stored in one or more **servers** are combined into one or more groups. Invalidation reports are broadcast by the **servers** to remote computers. Most recently **updated objects** are dynamically excluded from a **group**. A group validity is efficiently checked at the **servers** without object by object comparisons.

An invalidation report containing one or more **objects updated** during a most recent number of broadcast intervals is periodically broadcast.

ADVANTAGE - Allows computer to relocate and to disconnect without informing **server**.

Dwg.1/7

Title Terms: REDUCE; OVERHEAD; MOBILE; COMMUNICATE; SYSTEM; DYNAMIC; IDENTIFY; RECENT; UPDATE; OBJECT; GROUP; EXCLUDE; OBJECT; ACCORD; INVALID; BROADCAST

Derwent Class: T01

International Patent Class (Main): G06F-012/08 ; G06F-015/163

International Patent Class (Additional): G06F-013/00 ; G06F-017/30

File Segment: EPI

25/5/34 (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009983131 **Image available**

WPI Acc No: 1994-250842/199431

XRPX Acc No: N94-198236

Distributed data processing network management system - monitors status of managed objects, defines composite managed objects and sets status by aggregating status of all group members

Patent Assignee: INT COMPUTERS LTD (INCM)

Inventor: GLYNN K; JENKINS G I; VAN WEENEN M J D L; DE LEEUW VAN WEENEN M J

Number of Countries: 007 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 609990	A2	19940810	EP 94300318	A	19940117	199431 B
AU 9454904	A	19940811	AU 9454904	A	19940203	199435
ZA 9400449	A	19941130	ZA 94449	A	19940121	199502
EP 609990	A3	19941117	EP 94300318	A	19940117	199536
US 5511191	A	19960423	US 94189042	A	19940131	199622
			US 95447835	A	19950523	
AU 668791	B	19960516	AU 9454904	A	19940203	199627
EP 609990	B1	19980520	EP 94300318	A	19940117	199824
DE 69410304	E	19980625	DE 610304	A	19940117	199831
			EP 94300318	A	19940117	

Priority Applications (No Type Date): GB 932225 A 19930205

Cited Patents: No-SR.Pub; 1.Jnl.Ref; EP 259224; EP 474059; WO 9205485

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 609990	A2 E	8	G06F-011/30		
Designated States (Regional): DE FR GB IT					
ZA 9400449	A	14	G06F-000/00		
US 5511191	A	6	G06F-011/32		Cont of application US 94189042
AU 668791	B		G06F-011/30		Previous Publ. patent AU 9454904
EP 609990	B1 E		G06F-011/30		
Designated States (Regional): DE FR GB IT					
DE 69410304	E		G06F-011/30		Based on patent EP 609990
AU 9454904	A		G06F-011/30		
EP 609990	A3		G06F-011/30		

Abstract (Basic): EP 609990 A

The system includes data processing elements, file system,

communications facility and power supply which are combined to form a composite host computer. Database installations are formed by combining database services and databases. Together the computer and database installations form a database **server**.

When the system is started up a status collection function (21) polls all the managed objects (20) identified in a configuration file (23), recording their status values in a **database**. The **database** is **updated** whenever an **object** changes its status. The database also holds status values for composite managed objects. A status aggregation function (24) calculates and maintains their status values according to a set of aggregation rules held in a rules database (25). A status monitoring and display function (26) accesses the status database under operator control.

USE/ADVANTAGE - For distributed data processing networks with several individual end systems. Simplifies operator's view of system. Simplifies system management task.

Dwg.2/3

Title Terms: DISTRIBUTE; DATA; PROCESS; NETWORK; MANAGEMENT; SYSTEM;
MONITOR; STATUS; OBJECT; DEFINE; COMPOSITE; OBJECT; SET; STATUS;
AGGREGATE; STATUS; GROUP; MEMBER

Derwent Class: T01

International Patent Class (Main): G06F-000/00 ; G06F-011/30 ;

G06F-011/32

File Segment: EPI

30/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07086119 **Image available**
COMPOSITE IMAGE PROCESSOR, PROGRAM DOWNLOADING METHOD AND RECORDING
MEDIUM USED FOR THE DOWNLOADING METHOD

PUB. NO.: 2001-313767 [JP 2001313767 A]
PUBLISHED: November 09, 2001 (20011109)
INVENTOR(s): KOBAYASHI KAZUNORI
APPLICANT(s): RICOH CO LTD
APPL. NO.: 2000-132712 [JP 2000132712]
FILED: May 01, 2000 (20000501)
INTL CLASS: H04N-001/00; B41J-029/38; G03G-021/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a composite **image** processor that consists of external **image** processors which are connected to a main **image** processor and can download the programs written on the cards into the external **image** processors via a single IC card connector for simplifying its constitution and also reducing its cost.

SOLUTION: An ICCARD 17 where an **updating program** is written is connected to an ICCARD connector 15 that is contained only in the main body of a composite **image** processor and then downloaded into a ROM 12 of the main body, a printer option 20 and ROM 22 and 32 of a FAX option 30 respectively. Every option is transferred via a UART which transmits and receives the normal control signals connecting those options to a main control part 10 or via an application **image** bus. When the UART is used, the transfer rate is higher than the normal level.

COPYRIGHT: (C)2001,JPO

30/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06767244 **Image available**
METHOD FOR BACKING UP COMPUTER SYSTEM

PUB. NO.: 2000-353117 [JP 2000353117 A]
PUBLISHED: December 19, 2000 (20001219)
INVENTOR(s): ICHIMURA YOSHITERU
APPLICANT(s): NEC CORP
APPL. NO.: 11-162769 [JP 99162769]
FILED: June 09, 1999 (19990609)
INTL CLASS: G06F-012/00

ABSTRACT

PROBLEM TO BE SOLVED: To allow a computer system to correspond to the restoration of a fault even when the computer system has also a transaction file or the like in addition to a master file shared by on-line operation and batch operation to be driven in parallel in the computer system.

SOLUTION: An operation center acquires the **updating /output image** records of all **files** such as transaction files 140, 150 in addition to a master file 130 shared by on-line operation and batch operation. The operation center collectively transmits these **image** records to a remote backup center through a network 100 as required. The backup center separates the **collectively** received records in each **file** of the operation center and **updates** or outputs respective separated records to backup files 260, 270, 280 prepared so as to correspond to respective files of the operation center.

COPYRIGHT: (C)2000,JPO

30/5/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05690669 **Image available**
FILE EXCLUSIVE CONTROL SYSTEM

PUB. NO.: 09-305469 [JP 9305469 A]
PUBLISHED: November 28, 1997 (19971128)
INVENTOR(s): KIKUCHI KENICHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-143549 [JP 96143549]
FILED: May 13, 1996 (19960513)
INTL CLASS: [6] G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a file exclusive control system which advances the execution of jobs while evading a scramble for a block with other jobs when a job which comes to a deadlock restarts its process.

SOLUTION: This system is provided with a lock management means 12 which registers a block in a block number list 21 and decides whether the block can be locked or comes to a deadlock, an **image** gathering means 13 which **gathers** block contents before **update**, a check point file 31 which stores the block contents before **update** and a **program** at check point time, a check point means 15 which makes the block list empty at the check point time and stores the program contents, and a rollback means 16 which writes the data file and program contents back at deadlock time. When the job restarts accessing the data file from the last check point after coming to the deadlock, block groups up to the deadlock occurrence time registered in the block number list are locked collectively at the start.

30/5/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05170294 **Image available**
IMAGE FORMING DEVICE CONTROL SYSTEM

PUB. NO.: 08-125794 [JP 8125794 A]
PUBLISHED: May 17, 1996 (19960517)
INVENTOR(s): KAWADA YASUO
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 06-255628 [JP 94255628]
FILED: October 20, 1994 (19941020)
INTL CLASS: [6] H04N-001/00; G03G-021/00; H04L-029/00; H04M-011/00
JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile); 29.4 (PRECISION
INSTRUMENTS -- Business Machines); 44.3 (COMMUNICATION --
Telegraphy); 44.4 (COMMUNICATION -- Telephone)
JAPIO KEYWORD: R002 (LASERS); R011 (LIQUID CRYSTALS); R098 (ELECTRONIC
MATERIALS -- Charge Transfer Elements, CCD & BBD); R116
(ELECTRONIC MATERIALS -- Light Emitting Diodes, LED)

ABSTRACT

PURPOSE: To **update** a **program** by only a preliminarily authorized user by enabling a **program** **update** operation when the registration number inputted from a copying machine is compatible to the registration number stored in a controller.

CONSTITUTION: The side of a copying machine 300 receives the signal from a controller 3400, the CPU 3111 of a control panel 4100 reads the operation part code stored in a ROW 3112, and an update mode signal and the operation part code are transmitted to the controller 3400. At this stage, when the

registration number inputted from the copying machine 300 and the registration number of the controller 3400 are compatible, a program can be updated. When the controller 3400 receives data, the controller transmits a message notifying that charge is collected for the update of the program and urges a user to confirm the message. When a user accepts the confirmation and transmits the signal from the copying machine 300, the control programs of the operation panel 410 classified by the copying machines stored in a memory 3402 are retrieved. As a result, the update program which is compatible to the copying machine 300 is transmitted to the copying machine 300 and the program is stored in the RAM 3112.

30/5/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05018924 **Image available**
MANAGEMENT SYSTEM FOR IMAGE FORMING DEVICE

PUB. NO.: 07-311524 [JP 7311524 A]
PUBLISHED: November 28, 1995 (19951128)
INVENTOR(s): KAWADA YASUO
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 06-103014 [JP 94103014]
FILED: May 17, 1994 (19940517)
INTL CLASS: [6] G03G-021/02; G03G-021/00; H04M-011/00; H04N-001/34
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 44.4
(COMMUNICATION -- Telephone); 44.7 (COMMUNICATION --
Facsimile)
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R116 (ELECTRONIC MATERIALS -- Light
Emitting Diodes, LED)

ABSTRACT

PURPOSE: To make it possible to execute fare collection processing on the management side of a management system in an image forming device formed by connecting this image forming device to the management device via communication circuit in the case of updating the control program of the image forming device by communication.

CONSTITUTION: The kind of an operating section (and copying machine) is discriminated (S1, S3) from received data and the adaptive control program (updated program) is retrieved (S4, S5) when the management device for managing copying machine connected via the telephone circuits receives the signal requesting the updating of the control program of the operating section from the copying machine. The processing is ended by transmitting an alarm message (S6) if there is no adaptive program. A fare message is transmitted toward the copying machine (S7) if there is adaptive program. Whether the fare collection is accepted or not, is judged (S8) and the transmission processing of the updated program is executed (S9) in the case where the fare collection is accepted. The fare collection processing is executed (S11) when the reception end signal on the copying machine side is received.

30/5/11 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04860027 **Image available**
FILE RECOVERY SYSTEM

PUB. NO.: 07-152627 [JP 7152627 A]
PUBLISHED: June 16, 1995 (19950616)
INVENTOR(s): MATSUO TAKASHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 05-297946 [JP 93297946]
FILED: November 29, 1993 (19931129)
INTL CLASS: [6] G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To reduce the storage quantity of a journal required to restore a file and to decrease the saving frequency of the whole file.

CONSTITUTION: When the file 2 is generated, a save tape 4 is generated in advance, and a block image after file update by a process group 1 is stored in a journal tape group 6. When the journal tape group 6 is gathered, the save tape 4 is rolled forward by using a tape roll forwarding process 7 and a new save tape 4' is generated. In case of a file fault, the file is restored by using the new save tape 4' and a journal tape group 6 which is stored newly after the roll forwarding process.

30/5/13 (Item 13 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04670493 **Image available**
FILE RECOVERY SYSTEM

PUB. NO.: 06-342393 [JP 6342393 A]
PUBLISHED: December 13, 1994 (19941213)
INVENTOR(s): MATSUO TAKASHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-331542 [JP 92331542]
FILED: December 11, 1992 (19921211)
INTL CLASS: [5] G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To freely vary the size of even a file on the premise of restoration by roll forwarding similarly to normal files.

CONSTITUTION: When a process 1 updates, expands, or reduces a file 7, a journal record generating and outputting means 8 generates a journal record corresponding to each request and outputs it to a journal tape group 9. When the file 7 is faulty, a roll forward means 11 obtain sizes at the time of fault occurrence by rearranging the journal record in the time-series order of record types, the relative positions of an update image in the file, and a time series, adjusts the size in advance, and then performs the roll forwarding of only necessary parts. Therefore, the size of the file can be optimized at all times and a secondary storage medium can effectively be utilized.

30/5/17 (Item 17 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04332585 **Image available**
COMMUNICATION SYSTEM FOR IMAGE FORMING DEVICE

PUB. NO.: 05-324285 [JP 5324285 A]
PUBLISHED: December 07, 1993 (19931207)
INVENTOR(s): KAJIWARA JUNICHI
MAEHARA SHIGEJI
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-123523 [JP 92123523]
FILED: May 15, 1992 (19920515)
INTL CLASS: [5] G06F-009/06; G03G-015/00; G06F-013/00
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);

29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.2
(INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)
JOURNAL: Section: P, Section No. 1709, Vol. 18, No. 153, Pg. 30, March
14, 1994 (19940314)

ABSTRACT

PURPOSE: To confirm the version without requiring the help of a person in charge by sending the **version** of **programs** of the control section when a host device requests it by communication.

CONSTITUTION: By a person in charge operating a host computer 80, the request of the **program** ROM **version** of a copying machine is transmitted to a PC/MODEM 6. The copying machine sends the request of the ROM version to the slave CPU 51 when a master CPU 50 receives the command. The slave CPU 51 **collects** the **version** of the **program** ROM 62-65 of CPU 52-55 controlling each unit, and transmits them to the master CPU 50 by adding the **version** of the **program** ROM 61 of the slave CPU 51. The master CPU 50 transmits the data via PC/MODEM 6 to the host computer 80 after adding the **version** of the self **program** ROM 60.

30/5/24 (Item 24 from file: 347)
DIALOG(R) File 347: JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02694534 **Image available**
PATCH COLLECTIVE APPLICATION SYSTEM

PUB. NO.: 63-311434 [JP 63311434 A]
PUBLISHED: December 20, 1988 (19881220)
INVENTOR(s): TAMIYA HIROSHI
SAWADA TATSUYA
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 62-147655 [JP 87147655]
FILED: June 12, 1987 (19870612)
INTL CLASS: [4] G06F-009/06; G06F-009/06; G06F-011/28
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)
JOURNAL: Section: P, Section No. 855, Vol. 13, No. 149, Pg. 100, April
12, 1989 (19890412)

ABSTRACT

PURPOSE: To decrease the mistakes produced when addresses are converted and also to reduce the manhour related to patches, by securing such a system where a user applies the patched to a load module and a memory evolving **image** file just by producing a load module **patch** file.

CONSTITUTION: A detecting means is provided to detect a desired symbol out of a memory evolving **image** file 5 together with a memory evolving path file production means which gives the address conversion to the contents of a load module **patch** file 3 produced by a user. Furthermore a load module **patch** **application** means is provided to apply a patch to the load module evolved onto a disk by reference to the file 3 together with a memory evolving **image** file **patch** **application** means which applies a **patch** to the file 5 by reference to the file 6. In such a constitution, the user can apply **patches** to the file 5 as well as the load module with production of the load module **patch** file.

30/5/26 (Item 1 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015358033 **Image available**
WPI Acc No: 2003-418971/200339
XRPX Acc No: N03-334366

Image forming apparatus e.g. composite apparatus having printer, scanner, facsimile and copier function updates program stored in memory using updating data selected based on program of control service to be started

Patent Assignee: KAWAURA H (KAWA-I)

Inventor: KAWAURA H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030044185	A1	20030306	US 2002227303	A	20020826	200339 B

Priority Applications (No Type Date): JP 2002242528 A 20020822; JP 2001257043 A 20010827

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030044185	A1	35	G03G-015/00	

Abstract (Basic): US 20030044185 A1

NOVELTY - A flash memory (204) stores programs for processing user and control services related to the image forming process. A network control service unit, receives an updating data group comprising updating data for the programs through a network (271). An updating unit updates the program stored in memory using the updating data selected based on program of the control service to be started by a program starting unit.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) user/control service program updating method; and
- (2) computer readable storage medium storing user/control service program updating program.

USE - E.g. composite apparatus having printer, scanner, facsimile and copier functions.

ADVANTAGE - Updates the user/control service program stored in flash memory at an arbitrary time without need to use a recording medium such as flash card, thereby making it possible to quickly carry out updating process in response to the updating data packet.

DESCRIPTION OF DRAWING(S) - The figure shows the system block diagram of the composite apparatus.

storage section (204)

network (271)

pp; 35 DwgNo 2/15

Title Terms: IMAGE ; FORMING; APPARATUS; COMPOSITE; APPARATUS; PRINT; SCAN ; FACSIMILE; COPY; FUNCTION; UPDATE; PROGRAM; STORAGE; MEMORY; UPDATE; DATA; SELECT; BASED; PROGRAM; CONTROL; SERVICE; START

Derwent Class: P84; S06; T01; T04; W02

International Patent Class (Main): G03G-015/00

International Patent Class (Additional): G03G-021/14

File Segment: EPI; EngPI

30/5/27 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015222514 **Image available**

WPI Acc No: 2003-283426/200328

XRPX Acc No: N03-225309

Information processor for use with printer, performs individual management of version of model common module group by different registration ID for each model

Patent Assignee: CANON KK (CANO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003058378	A	20030228	JP 2001248576	A	20010820	200328 B

Priority Applications (No Type Date): JP 2001248576 A 20010820

Patent Details:

Abstract (Basic): JP 2003058378 A

NOVELTY - A registration unit registers printing control **program** corresponding to model common module **group** which is independent of a printer, and model intrinsic module group which is dependent on each printer. A management unit manages the version of model common module group by different registration ID for each model, individually.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) printing control program installation method;
- (2) storage medium storing information processing program; and
- (3) information processing program.

USE - Information processor for converting **image** data from an application, into **image** data for a printer.

ADVANTAGE - Installs printing control **programs** of old and new **version** without affecting existing model.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the information processor. (Drawing includes non-English language text).

pp; 13 DwgNo 1/9

Title Terms: INFORMATION; PROCESSOR; PRINT; PERFORMANCE; INDIVIDUAL;
MANAGEMENT; VERSION; MODEL; COMMON; MODULE; GROUP; REGISTER; ID; MODEL
Derwent Class: T01
International Patent Class (Main): G06F-009/445
File Segment: EPI

30/5/42 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012352273 **Image available**

WPI Acc No: 1999-158380/199914

XRFX Acc No: N99-114983

Version **management method** for file controller - involves displaying versions of files arranged and stored in file cases in user friendly **image format**

Patent Assignee: HITACHI LTD (HITA)

Inventor: UKAI H; YAGAWA Y

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11015709	A	19990122	JP 98114629	A	19980424	199914 B
US 6101506	A	20000808	US 9866733	A	19990427	

Priority Applications (No Type Date): JP 98

Patent Details:

Patent No Kind Lan Pg Main IPC Filing

JP 11015709 A 24 G06F-012/00

US 6101506 A G06F-017/30

Abstract (Basic): JP 11015709 A

NOVELTY - File **groups** of different **file cases** (112) of racks (110) in memory are displayed in an **image format** which could be indicated by user. On indication of a **version** of a file, the corresponding file is displayed from the data base. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for version management apparatus.

USE - For file controller for arranging digital photos, catalog of equipment details, titles of magazines, game versions.

ADVANTAGE - **Versions** of file displayed in **image format** helps the user to access it easily. DESCRIPTION OF DRAWING(S) - The figure shows the system block diagram of **version management method**. (110) Racks; (112) File cases.

Dwg.1/26

Title Terms: VERSION; MANAGEMENT; METHOD; FILE; CONTROL; DISPLAY; VERSION;

May just
be a picture
image

File 348:EUROPEAN PATENTS 1978-2003/Jul W01

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030710,UT=20030703

(c) 2003 WIPO/Univentio

Set	Items	Description
S1	2172340	SOFTWARE OR PROGRAM? ? OR APPLICATION? ? OR FILE? ? OR DAT- ABASE? ? OR DATA()BASE? ? OR CODE OR CODES OR OBJECT? ? OR OS OR OPERATING()SYSTEM? ? OR FIRMWARE OR BIOS
S2	49431	S1(5N)(VERSION? OR UPDAT??? OR UPGRAD??? OR PATCH???)
S3	88408	(GROUP???? OR COLLECT? OR COMPOSITE OR BUNDL??? OR ASSEMBL? OR GATHER?) (5N) (SOFTWARE OR PROGRAM? ? OR APPLICATION? ? OR - FILE? ? OR CODE? ? OR OBJECT? ? OR UPDATE OR UPDATES OR PATCH- ?? OR UPGRADE OR UPGRADES OR EXTENSION? ? OR DLL OR DLLS)
S4	13358	(COMPRESS? OR ZIP? ? OR ZIPPED OR ZIPPING OR STUFF? OR WIN- ZIP? OR SQUEEZ? OR WRAP???? OR ARCHIV?) (5N) (SOFTWARE OR PROGR- AMS OR APPLICATIONS OR FILES OR CODES OR OBJECTS OR UPDATES OR PATCHES OR UPGRADES OR CHANGES OR EXTENSIONS OR DLL? ?)
S5	51846	SERVER? ?
S6	391864	IMAGE
S7	268	S2(S)S3(S) IMAGE
S8	34	S2(S)S3(S)S4(S) IMAGE
S9	132	S7 AND IC=G06F
S10	110	S9 NOT S8
S11	32	S10/TI,AB,CM
S12	78	S10 NOT S11
S13	2028	S3(5N) IMAGE
S14	84	S2(S)S13 OR S2(100N)S13
S15	44	S14 AND IC=G06F
S16	33	S15 NOT (S8 OR S11)
S17	61	S12 NOT S16
S18	79	S2(S)S4(S) IMAGE
S19	51	S18 AND IC=G06F
S20	19	S19 NOT (S8 OR S11 OR S16:S17)
S21	150409	FORM??? (5N) (SOFTWARE OR PROGRAM? ? OR APPLICATION? ? OR FI- LE? ? OR CODE? ? OR OBJECT? ? OR UPDATE? ? OR PATCH?? OR UPGR- ADE OR UPGRADES OR EXTENSION? ? OR DLL OR DLLS)
S22	471	S21(S)S2(S) IMAGE
S23	226	S22 AND IC=G06F
S24	8361	S21(5N) IMAGE
S25	88	S2(S)S24 AND IC=G06F
S26	61	S25 NOT (S8 OR S11 OR S16:S17 OR S20)

11/5,K/3 (Item 3 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00667037

Non-invasive software update apparatus.
Nicht-invasive Aktualisierungsanordnung für Software.
Appareil de mise à jour non-invasive de software.
PATENT ASSIGNEE:

OHMEDA INC., (1322193), 110 Allen Road, Liberty Corner, New Jersey 07938,
(US), (applicant designated states: DE;FR;GB)

INVENTOR:

Hunsaker, Scott Wood, 2637 Pine Street, Boulder, Colorado 80302, (US)
Martin, Alan Dean, 1208 Alsace Way, Lafayette, Colorado 80026, (US)
Kulik III, Stephan,, 129 Skyview Court, Louisville, Colorado 80027, (US)
Totel, Craig Allen, 9511 West 104 Court, Westminster, Colorado 80021,
(US)

LEGAL REPRESENTATIVE:

Hedley, Nicholas James Matthew (46412), Stephenson Harwood One, St.
Paul's Churchyard, London EC4M 8SH, (GB)

PATENT (CC, No, Kind, Date): EP 640978 A2 950301 (Basic)
EP 640978 A3 981007

APPLICATION (CC, No, Date): EP 94305907 940810;

PRIORITY (CC, No, Date): US 114703 930831

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11C-007/00; G06F-009/445;

ABSTRACT EP 640978 A2

This apparatus makes use of the existing data collection probe connector on the instrumentation as the port through which the **software updates** are loaded into the programmable memory devices that are used to store the operational software of the instrumentation. Circuitry is provided in the instrumentation to automatically differentiate between **software update** data being loaded into the instrumentation and the normal monitoring data that is received from the probe. This is accomplished by the use of probe defining circuitry that is able to differentiate between the standard probe used for data **collection** purposes and the **software update** probe that is provided to download software into the programmable memory devices. (see **image** in original document)

ABSTRACT WORD COUNT: 116

LEGAL STATUS (Type, Pub Date, Kind, Text):

Withdrawal: 001004 A2 Date application deemed withdrawn: 20000411
Examination: 20000112 A2 Date of dispatch of the first examination report: 19991130
Application: 950301 A2 Published application (Alwith Search Report ;A2without Search Report)
Change: 980624 A2 Representative (change)
Search Report: 981007 A3 Separate publication of the European or International search report
Change: 981007 A2 Obligatory supplementary classification (change)
Examination: 990609 A2 Date of filing of request for examination: 990407
Assignee: 990915 A2 Transfer of rights to new applicant: Datex-Ohmeda, Inc. (2804070) 3 Highwood Drive Tewsbury, Massachusetts 01876 US

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	576
SPEC A	(English)	EPAB95	4540
Total word count - document A			5116
Total word count - document B			0
Total word count - documents A + B			5116

...ABSTRACT A2

This apparatus makes use of the existing data collection probe connector on the instrumentation as the port through which the **software updates** are loaded into the programmable memory devices that are used to store the operational software of the instrumentation. Circuitry is provided in the instrumentation to automatically differentiate between **software update** data being loaded into the instrumentation and the normal monitoring data that is received from the probe. This is accomplished by the use of probe defining circuitry that is able to differentiate between the standard probe used for data **collection** purposes and the **software update** probe that is provided to download software into the programmable memory devices. (see **image** in original document)

11/5,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00539920

Dynamic migration of software
Dynamische Softwaremigration
Migration dynamique de logiciel
PATENT ASSIGNEE:

Hewlett-Packard Company, (206030), 3000 Hanover Street, Palo Alto,
California 94304, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Kao, Ping-Hui, 3242 Gunnison Drive, Fort Collins, Colorado 80526, (US)

LEGAL REPRESENTATIVE:

Colgan, Stephen James et al (29461), CARPMAELS & RANSFORD 43 Bloomsbury
Square, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 515073 A2 921125 (Basic)
EP 515073 A3 930317
EP 515073 B1 980311

APPLICATION (CC, No, Date): EP 92304250 920512;

PRIORITY (CC, No, Date): US 703561 910521

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-012/08; G06F-012/12;

CITED PATENTS (EP A): US 4703422 A

CITED REFERENCES (EP A):

IBM TECHNICAL DISCLOSURE BULLETIN vol. 13, no. 11, April 1971, NEW YORK
US pages 3259 - 3261 BLAIR ET AL. 'Management of large Numbers of
Assembled Programs'

COMPUTER DESIGN vol. 28, no. 1, January 1989, LITTLETON, MASSACHUSETTS US
pages 93 - 96 , XP98294 OLSEN ET AL. 'Virtual optical disks solve the
on-line storage crunch';

ABSTRACT EP 515073 A2

Disclosed is a system that places a statistical **collection** routine (124), which tracks **file** usage, within the path lookup process (126) of an operating system (118). A statistic summarization process (Fig. 3) runs as a task of the operating system and periodically accesses the statistics collected (302) by the statistics **collection** routine and **updates** a **database** (310, 312). A **file** migration process (Fig. 4) is scheduled to run periodically to examine the database information. Files that have a predetermined usage during the time may be migrated (412, 414, 416), based on user criteria, between a primary, high speed, storage device (110) and a secondary, slow speed, storage device (112). The secondary storage device might be a network file server (130) attached to a local area network (115), a read-only device, or other storage device. (see **image** in original document)

ABSTRACT WORD COUNT: 141

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 921125 A2 Published application (A1with Search Report
;A2without Search Report)
Search Report: 930317 A3 Separate publication of the European or
International search report
Examination: 931020 A2 Date of filing of request for examination:

930824

Examination: 960814 A2 Date of despatch of first examination report:
960628
Grant: 980311 B1 Granted patent
Oppn None: 990303 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9811	1321
CLAIMS B	(German)	9811	1136
CLAIMS B	(French)	9811	1529
SPEC B	(English)	9811	4126
Total word count - document A			0
Total word count - document B			8112
Total word count - documents A + B			8112

...ABSTRACT A2

Disclosed is a system that places a statistical **collection** routine (124), which tracks **file** usage, within the path lookup process (126) of an operating system (118). A statistic summarization process (Fig. 3) runs as a task of the operating system and periodically accesses the statistics collected (302) by the statistics **collection** routine and **updates** a **database** (310, 312). A **file** migration process (Fig. 4) is scheduled to run periodically to examine the database information. Files that have a predetermined usage during the time may be...

...storage device might be a network file server (130) attached to a local area network (115), a read-only device, or other storage device. (see **image** in original document)

11/5,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00535868

Software maintenance system.

Softwarewartungssystem.

Système d'entretien de software.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states:
CH;DE;FR;GB;IT;LI;SE)

INVENTOR:

Tyra, Kristopher Lee, 100-1E Hunting Chase, Cary, North Carolina 27513,
(US)

LEGAL REPRESENTATIVE:

Blakemore, Frederick Norman (28381), IBM United Kingdom Limited
Intellectual Property Department Hursley Park, Winchester Hampshire
SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 496494 A2 920729 (Basic)
EP 496494 A3 930512

APPLICATION (CC, No, Date): EP 92300112 920107;

PRIORITY (CC, No, Date): US 644804 910122

DESIGNATED STATES: CH; DE; FR; GB; IT; LI; SE

INTERNATIONAL PATENT CLASS: G06F-009/44;

CITED REFERENCES (EP A):

PROCEEDINGS OF THE 2ND INTERNATIONAL WORKSHOP ON SOFTWARE CONFIGURATION
MANAGEMENT. 24 October 1989, PRINCETON, NEW JERSEY, US pages 114 - 117
A. GUSTAVSSON 'MAINTAINING THE EVOLUTION OF SOFTWARE OBJECTS IN AN
INTEGRATED ENVIRONMENT'

IDEM

IEEE COMPUTER SOCIETY 2ND INTERNATIONAL CONFERENCE ON ADA APPLICATIONS
AND ENVIRONMENTS. 8 April 1986, MIAMI BEACH, FL, US pages 115 - 125 M.
MARCUS ET AL. 'DAPSE: A DISTRIBUTED ADA PROGRAMMING ENVIRONMENT'

IDEM

PROCEEDINGS OF THE 2ND INTERNATIONAL WORKSHOP ON SOFTWARE CONFIGURATION
MANAGEMENT. 24 October 1989, PRINCETON, NEW JERSEY, US pages 15 - 22
E.H. BAALBERGEN ET AL. 'ON THE DESIGN OF THE AMOEBA CONFIGURATION

ABSTRACT EP 496494 A2

A computer implemented system and method for automatically generating an executable **version** is based on component **objects** and events. Object-oriented language concepts of encapsulation, inheritance, and message passing are employed to simplify the specification and execution steps. **Software** maintenance includes the steps of **assembling** executable systems from defined component parts such as source code files and object code files. An object definition is provided for each software component containing a specification of its dependency upon other objects and processing methods that must be executed to create that object. An event definition is created for each process that is to be applied to the component objects. The event definition includes a specification of any prerequisite events and conditions for delivery of the event message. An object dependency interpreter is provided to recursively control the passing of events to the objects for action. It ensures that any prerequisite events are first executed and that any objects upon which the current object is dependent are processed before the present object. Inheritance is employed to simplify object definition through the definition of generic objects which the object dependency interpreter instantiates for processing. Mapped memory is used to store an object data structure containing the representation of component objects and event objects. Additional storage is used to retain component object file system status. (see **image** in original document)

ABSTRACT WORD COUNT: 225

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920729 A2 Published application (Alwith Search Report
;A2without Search Report)
Examination: 930113 A2 Date of filing of request for examination:
921119
Search Report: 930512 A3 Separate publication of the European or
International search report
Withdrawal: 970122 A2 Date on which the European patent application
was deemed to be withdrawn: 960801

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	737
SPEC A	(English)	EPABF1	3752
Total word count - document A			4489
Total word count - document B			0
Total word count - documents A + B			4489

...ABSTRACT A2

A computer implemented system and method for automatically generating an executable **version** is based on component **objects** and events. Object-oriented language concepts of encapsulation, inheritance, and message passing are employed to simplify the specification and execution steps. **Software** maintenance includes the steps of **assembling** executable systems from defined component parts such as source code files and object code files. An object definition is provided for each software component containing...

...an object data structure containing the representation of component objects and event objects. Additional storage is used to retain component object file system status. (see **image** in original document)

11/5,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

Method and system for version control of engineering changes.
Verfahren und System für Versionskontrolle und technischen Veränderungen.
Méthode et système de contrôle de la version de modifications techniques.

PATENT ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Mukherjee, Sujun K., 1025 Laurel Mill Drive, Roswell, Georgia 30076, (US)
Ryan, James Lawrence, 107 Rondak Circle, Smyrna, Georgia 30080, (US)
Wason, James Richard, Rural Route 1, Box 155, Tuxedo, New York 10987,
(US)

LEGAL REPRESENTATIVE:

Bonneau, Gerard et al (14162), Compagnie IBM France Departement de
Propriete Industrielle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 483039 A2 920429 (Basic)
EP 483039 A3 930825

APPLICATION (CC, No, Date): EP 91480158 911010;

PRIORITY (CC, No, Date): US 602600 901024

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/24;

CITED PATENTS (EP A): WO 8600735 A; EP 323382 A

CITED REFERENCES (EP A):

PROCEEDINGS. OF THE SECOND INTERNATIONAL CONFERENCE ON INDUSTRIAL AND
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS.
vol. 2, 1989, ACM, NEW YORK, USA pages 779 - 784 S. RANA & S. TANEJA
'Version support for manufacturing database systems'
UNIX REVIEW vol. 6, no. 5, May 1988, pages 48 - 59 WON KIM ET AL. 'Merged
Models (CAD/CAM)'
IBM TECHNICAL DISCLOSURE BULLETIN. vol. 33, no. 3A, August 1990, ARMONK
US pages 179 - 180 , XP000123892 'PEP Bill(s) of Material Worksheet';

ABSTRACT EP 483039 A2

A system and method for storage and retrieval of both time-oriented
versions and view-oriented versions of engineering change information in
which the engineering change information progresses through a set of
status conditions and access to the data by different user groups is
conditioned upon the status of the information. **Version** control
software logic enables users to create **versioned objects** by logical
key **grouping** of data elements. The version control logic acts upon the
logical keys and special **versioned** attributes of these **objects** for
the proper specification and selection of **object** instances during
creation, **update** or retrieval processing. Insert and extract sequence
numbers are automatically generated for both historical preservation of
previous engineering change information and efficient retrieval of the
currently effective designs. Instance level security facilitates the
merger of different versions of the engineering change data having
different engineering change status levels so that similar types of data
can be contained within a single data base table. (see **image** in
original document)

ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920429 A2 Published application (A1with Search Report
;A2without Search Report)
Examination: 921014 A2 Date of filing of request for examination:
920817
Search Report: 930825 A3 Separate publication of the European or
International search report
Examination: 961218 A2 Date of despatch of first examination report:
961031
Withdrawal: 970903 A2 Date on which the European patent application
was deemed to be withdrawn: 970311

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1164
SPEC A	(English)	EPABF1	5111
Total word count - document A			6275

Total word count - document B 0
Total word count - documents A + B 6275

...ABSTRACT information progresses through a set of status conditions and access to the data by different user groups is conditioned upon the status of the information. **Version** control software logic enables users to create **versioned objects** by logical key **grouping** of data elements. The version control logic acts upon the logical keys and special **versioned** attributes of these **objects** for the proper specification and selection of **object** instances during creation, **update** or retrieval processing. Insert and extract sequence numbers are automatically generated for both historical preservation of previous engineering change information and efficient retrieval of the...

...engineering change data having different engineering change status levels so that similar types of data can be contained within a single data base table. (see **image** in original document)

11/5,K/17 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00801752 **Image available**

APPARATUS AND METHOD FOR DIGITAL FILING
DISPOSITIF ET PROCEDE D'ARCHIVAGE NUMERIQUE

Patent Applicant/Assignee:

IMAGETAG INC, Suite 2, 7201 West Oakland, Chandler, AZ 85226, US, US
(Residence), US (Nationality)

Inventor(s):

IRONS Steven W, 757 East Mountain Sky, Phoenix, AZ 85048, US,

Legal Representative:

SCHMEISER OLSEN & WATTS LLP (agent), Suite 101, 18 East University Drive,
Mesa, AZ 85201, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135273 A1 20010517 (WO 0135273)

Application: WO 2000US30676 20001108 (PCT/WO US0030676)

Priority Application: US 99436136 19991108

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 23437

English Abstract

According to a preferred embodiments of the present invention, an apparatus and method for a digital filing system is disclosed. In this context, digital filing refers to the efficient management of paper-based information from its receipt at the desktop (710) through an indexing (714), scanning (722), image storage, and image retrieval process (730). The preferred embodiments of the present invention provide for easy and effective indexing (714), imaging, storing, retrieving (730) and managing of paper-based documents, transforming them into electronic documents using a system which incorporates many existing office resources. The proposed system and method implements a desktop (710) solution for digital filing, which can be made available to each worker. The digital filing system allows users to index (714) and label documents (724) prior

to scanning/imaging (722) by using either a dedicated desktop labeling mechanism or pre-printed labels. The present invention utilizes individual pre-printed labels dispensed one at a time from a "pop-up" dispensing mechanism (730).

French Abstract

Selon les modes de realisation preferes, la presente invention concerne un dispositif et un procede destines a un systeme d'archivage numerique. Dans ce contexte, on entend par archivage numerique la gestion efficace d'informations sur papier a partir de leur reception au niveau d'un bureau (710) par l'intermediaire d'un processus d'indexation (714), de balayage (722), de stockage d'images et de recuperation d'images (730). Les modes de realisation preferes de la presente invention permettent d'operer une indexation (714), une visualisation, un stockage, une recuperation (730) et une gestion de documents sur papier avec facilite et efficacite, puis de transformer ces documents en documents electroniques au moyen d'un systeme comprenant de nombreuses ressources bureautiques existantes. Le systeme et le procede de l'invention mettent en oeuvre un systeme d'archivage numerique pour bureau (710) pouvant etre mis a la disposition de chaque employe. Ledit systeme d'archivage numerique permet aux utilisateurs d'indexer (714) et d'etiqueter des documents (724) avant une operation de balayage/visualisation (722) a l'aide d'un mecanisme d'etiquetage de bureau ou d'etiquettes preimprimees. La presente invention utilise des etiquettes preimprimees individuelles distribuees l'une apres l'autre a partir d'un systeme de distribution en incrustation (730).

Legal Status (Type, Date, Text)

Publication 20010517 A1 With international search report.

Publication 20010517 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... continues to thwart the efforts of most organizations that try to adopt wide-reaching document imaging solutions. The lack of simple, office automation platforms for **image** capture and indexing remains a key barrier to broadened use of document imaging. Document capture (scanning and indexing) sub-systems are usually the most costly...

...conversion system must address, at a minimum, the following activities: document aggregation; document preparation for scanning; document batching; document scanning; scanning quality controls; pre-cominital **image** caching; document indexing; **database updates**; and permanent **image** storage. Traditional document imaging systems build an input **assembly** line of process workers, hardware, **software**, and related network activities to accomplish these tasks. They ...document exchange with other systems and external organizations that may require access to a given document.

The challenges of adopting and implementing paper-to-digital **image** solutions are not limited to the mechanics and technologies of the document **image** capture process. Traditional document imaging technologies also introduce significant changes to the user's desktop and to the overall flow of documents in the business...

...solution, and subsequent successful user adoption, depends on adequately addressing at least these basic issues:

Is there significant added cost and work involved in an **image** input process as opposed to traditional paper filing? If so, is the added cost worth it for

the resulting **image** utility?

Can the system blend with traditional paper usage and maximize the

paper-based document at the point of indexing. Since system 100 tracks each unique document identifier, it can sequence through a...

...document identifier available in system 100.

Since the two document identifiers match, the globally unique document identifier is used to effectively link the document **image** to the record in the database, facilitating later retrieval of the document **image**, typically via the I/O indexes. Alternatively, computer 200 communicates with a desktop label printer which generates a label for the paper-based document that...

...separate identifier may be placed on each page of a paper-based document prior to scanning. When the paper-based document is subsequently scanned, an **image** of the paper-based document (including the globally unique document identifier) is created and the previously-determined document identifier is extracted. After imaging/scanning, the **image** of the paper-based document is stored in an **image** repository in a default storage location, such as on **image** storage mechanism 130, using the previously generated document identifier as the basis for the **image** file name for the **image**, thereby linking the document **image** to a record in an **image** index database. In some embodiments of the present invention, the globally unique document identifier will be the file name or will form the basis for creating the file name used in naming the digital **image** of the paper-based document.

Communication link 120 provides for communication between the various components of system 100 and allows the document **image** to be transmitted from device to device. In this fashion, a user can quickly and easily gain access to the electronic images of paper-based...

...This is especially important because in many preferred embodiments of the present invention, it is anticipated that computer 200, document input mechanism 110, and **image** storage mechanism 130 may be geographically remote and that the indexing process, scanning/imaging process, and storage process will occur in sequential order but will be operationally independent. By labeling the document prior to scanning, and by pre-establishing the **image** identifier and including the identifier in the label, this method removes the need for any other communication or direct connectivity between the index, scan, and storage processes.

The **image** of the paper-based document carries the information necessary to link the index, scan, and storage processes, when and as necessary. In addition, by associating...

...digital images of the paper-based documents, once the paper-based documents are scanned. By examining the relationship between the identifier extracted from the digital **image**, "ownership" of the digital **image** can be established without further human intervention. Access to the digital images can then be controlled, as desired. While designed primarily to deal with incoming...

...printed directly onto the lead page of a document. Then, when the document is subsequently scanned, the document identifier can be used to link the **image** of the document to a database containing the metadata for the document **image**. This is especially useful in situation such as delivery receipts, where an invoice is generated by a company, sent out for delivery, signed at the...

11/5,K/18 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00799820 **Image available**
INTERNET-BASED SHARED FILE SERVICE WITH NATIVE PC CLIENT ACCESS AND
SEMANTICS AND DISTRIBUTED VERSION CONTROL
SERVICE DE FICHIERS PARTAGES BASE SUR INTERNET A SEMANTIQUE ET ACCES CLIENT
PC NATIFS ET CONTROLE DE VERSION REPARTI
Patent Applicant/Assignee:

MANGOSOFT CORPORATION, Suite 190, 1500 West Park Drive, Westborough, MA
01581, US, US (Residence), US (Nationality)

Inventor(s):

PHILLIPS Robert S, 5 Sherman Street, Brookfield, MA 01560, US,
DAVIS Scott H, 136 Riverbend Drive, Groton, MA 01450, US,
DIETTERICH Daniel J, 4 Cedar Terrace, Acton, MA 01720, US,
NYMAN Scott E, 15 Rockwell Drive, Shrewsbury, MA 01545, US,
PORTER David, 2 Uplands Road, Littleton, MA 01460, US,

Legal Representative:

GOLDMAN Gregg I (agent), Proskauer Rose, LLP, Patent Dept., 1585
Broadway, New York, NY 10036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133383 A1 20010510 (WO 0133383)
Application: WO 2000US30078 20001101 (PCT/WO US0030078)
Priority Application: US 99163008 19991101

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/167

International Patent Class: G06F-015/16; G06F-015/177; G06F-007/00;

G06F-012/00; G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 35100

English Abstract

A multi-user file storage service and system enable each user of a pre-subscribed user group to operate an arbitrary client node (h20-h26) at an arbitrary geographic location, to communicate with a remote file server node (h28-h30, h32-h33) via a wide area network (200) and to access the files of the file group via the respective client node in communication with the remote file server node via the wide area network. Illustratively, the integrity of the files at the remote file server node are maintained by controlling each access to each file at the remote file server node so that each access to files at the remote file server is performed, if at all, on a respective portion of each file as most recently updated at the remote file server node. Version control to a particular one of the files of the group can be delegated to a version control node (h31).

French Abstract

L'invention concerne un service et un systeme de stockage de fichiers multi-utilisateur permettant a chaque utilisateur d'un groupe d'utilisateurs prealablement abonne d'utiliser un noeud client arbitraire (h20-h26) a un emplacement geographique arbitraire pour communiquer avec un noeud serveur de fichiers eloigne (h28-h30, h32-h33) par l'intermediaire d'un reseau etendu (200) et pour acceder aux fichiers du groupe de fichiers par l'intermediaire du noeud client respectif en communication avec le noeud serveur de fichiers eloigne par l'intermediaire du reseau etendu. Ainsi, l'integrite des fichiers sur le noeud serveur de fichiers eloigne est assuree par le controle de chaque acces a chaque fichier sur le noeud serveur de fichiers eloigne de sorte que chaque acces a des fichiers du serveur de fichiers eloigne est execute, le cas echeant, sur une partie respective de chaque fichier la plus recemment actualisee sur le noeud serveur de fichiers eloigne. Un controle de version sur un fichier particulier du groupe de fichiers peut etre delegue a un noeud de controle de version (h31).

Legal Status (Type, Date, Text)

Publication 20010510 A1 With international search report.

Publication 20010510 A1 Before the expiration of the time limit for
amending the claims and to be republished in the
event of the receipt of amendments.
Examination 20011011 Request for preliminary examination prior to end of
19th month from priority date
Correction 20020516 Corrected version of Pamphlet: pages 1-71,
description, replaced by new pages 1-71; pages
72-113, claims, replaced by new pages 72-113; pages
1/14-14/14, drawings, replaced by new pages
1/17-17/17; due to late transmittal by the receiving
Office
Republication 20020516 A1 With international search report.
Fulltext Availability:
Claims

Claim

... storage devices 42, 44 identified as distinct units without regard as
to where such virtual storage devices are located or as to precisely on
which **group** of one or more remote **file** servers
implement such virtual storage devices. As one skilled in the art may
appreciate, a file server can provide file access for (actually store,
retrieve...

...which

have been opened by the client user;

(f) Maintaining the integrity of file data access at this client node:
This includes, if possible, performing **version** checks on **file** data
prior to accessing it and obtaining the most up-to-date copy of accessed
file data prior to access. Such **version** checks may be performed at the
file level or on individual portions of a given file. This is described
in detail in U.S. Patent...

...user accounts;

(c) Arbitrating accesses to file data amongst all client nodes, including
enforcing

access privileges and file sharing modes;

(d) Maintaining integrity of accessed **file** data including performing
version checks, and providing up-to-date copies of accessed file data to
client nodes

which desire to access them;

(e) Providing a "rendezvous service", i.e., providing to inquiring client
nodes

sufficient address or contact information (e.g., IP address and TCP port
number) for communicating with the appropriate remote **file** server node
which stores the **group** of **files** corresponding to ...is to be
achieved and other available information pertaining to the API's of the
operating system/native file system. FIG 4 shows an illustrative **image**
which is depicted on the display monitor of a client node while using the
invention, e.g., with the MicrosoftTMWindows NTTMoperating system. As
shown, the displayed **image** is the familiar **image** of a window I 000,
including "buttons" 1002 for resizing and closing the window I 000, menu
bar I 0 1 0 with selectable drop...

11/5,K/25 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00740812 **Image available**

SOFTWARE VALIDATION METHOD AND SYSTEM

METHODE ET SYSTEME DE VALIDATION DE LOGICIELS

Patent Applicant/Assignee:

ELECTRONICS FOR IMAGING INC, 303 Velocity Way, Foster City, CA 94404, US,
US (Residence), US (Nationality)

Inventor(s):

SCHWARZ James K Jr, 2323 Pine Street, Boulder, CO 80302, US

GOLDENBERG Sol, 13 Anderson Avenue, Rockaway, NJ 07866, US

LIU John, 350 Parsippany Road #2, Parsippany, NJ 07054, US

Legal Representative:

GLENN Michael A, Glenn Patent Group, Suite L., 3475 Edison Way, Menlo Park, CA 94025, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200054156 A1 20000914 (WO 0054156)

Application: WO 2000US6478 20000310 (PCT/WO US0006478)

Priority Application: US 99267751 19990310

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-011/36

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 3521

English Abstract

A method embodiment of the invention tests revisions made to printer graphics interpreter software. A test suite of POSTSCRIPT, PCL, or other high-level printer language is input to a production version of a printer's internal interpreter software. A first bit-map is generated by the interpreter that is normally used to control each pixel in the printing of a page. The same test suite is fed to a work-in-progress revision of the printer's internal interpreter software. A second bit-map is generated. The first and second bit-maps are subtracted from one another. A difference bit-map is inspected. If only minor shifts of objects are noted, or if no differences at all are apparent, the work-in-progress revision is accepted as the new production standard. The second bit-map is used to replace the first. Otherwise, the work-in-progress revision of the printer's internal interpreter software is reworked to correct the printing interpretation errors it was making.

French Abstract

L'invention concerne un mode de realisation consistant a tester des corrections apportees a des logiciels d'interpretation de graphiques d'imprimante. Une suite-test de POSTSCRIPT, PCL ou d'un autre langage d'imprimante avance, est introduite dans une version finale d'un logiciel d'interpretation interne d'une imprimante. Une premiere representation en mode point est produite par l'interpreteur normalement utilise pour verifier chaque pixel contenu dans l'impression d'une page. La meme suite-test est introduite dans une correction en cours du logiciel d'interpretation interne de l'imprimante. Une seconde representation en mode point est produite. La premiere et la seconde representations en mode point sont soustraies l'une de l'autre. On procede a l'analyse d'une representation en mode point de la difference. Si on observe uniquement des decalages mineurs d'objets ou s'il n'existe pas de difference apparente, la correction en cours est acceptee en tant que nouveau produit standard. La seconde representation en mode point est utilisee pour remplacer la premiere. Dans le cas contraire, la correction en cours du logiciel d'interpretation interne de l'imprimante est remaniee afin de corriger ses propres erreurs d'interpretation.

Legal Status (Type, Date, Text)

Publication 20000914 A1 With international search report.

Publication 20000914 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20001228 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... again
test suite
1 04 1 08
last accepted version of present revision of
the printer interpreter software the printer interpreter software
106 110
standard **image** bit-map array test **image** bit-map array
112
subtract bit-maps
114
display difference bit-map
118
116
no correct the problems in
nor
rences the present revision of
? the printer interpreter software
120 yes
adopt the test **image** bit-map
replace
array as the new standard Fig 1
----- **image** bit-map array
124 test passed
present revision of the printer interpreter
software becomes the last accepted
version of the printer interpreter s/w
126
distribute new revision
level of the software
/2
200
Figs 2
test suite values source code
202 @@ 208 revised source **code**
test suite compiler/assembler
machine **code**
204 210
production **version** WIP **version**
of printer s/w of printer s/w
212
206 --,@ I bit-map memory storage
bit-map memory storage
214
216
difference display]
source code
visual
218 220
changes
user --- -----
WIP version becomes
production **version**
INTERNATIONAL SEARCH REPORT
Int tional **Application** No
PCT/Ut 00/06478
A. CLASSIFICATION OF SIJEWECT MATTER
IPC 7 GO6F11/36
According to International Patent Classification (I PC) or to both
national...

00244189

IMAGE COMPRESSION METHOD AND APPARATUS
APPAREIL ET PROCEDE DE COMPRESSION D'IMAGES

Patent Applicant/Assignee:

MASSACHUSETTS INSTITUTE OF TECHNOLOGY,

Inventor(s):

GEIGER Davi,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9318469 A1 19930916

Application: WO 93US1826 19930226 (PCT/WO US9301826)

Priority Application: US 92171 19920303

Designated States: CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-015/64

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7141

English Abstract

An image processing system is capable of image compression including smoothing and edge detection for representing an image with a minimal amount of data and image reconstruction from the minimal data. The system comprises an array of pixel locations having intensity data representing the intensities of an image. The system also comprises a processor having a smoothing module for iteratively smoothing the intensity data to eliminate noise associated therewith. The processor also has an edge detection module for iteratively detecting pixel locations defining edges of regions of substantially constant intensity across the image. The processor further comprises a reconstruction module for reconstructing the image from the pixel locations defining edges and the intensity data associated with said pixel locations.

French Abstract

Un systeme de traitement d'images effectue la compression d'images, y compris le lissage et la detection des bords, afin de représenter une image en utilisant une quantite minime de donnees, et de reconstituer cette image a partir de cette quantite minime de donnees. Le systeme comprend un reseau d'emplacements de pixels presentant des donnees d'intensite representant les intensites d'une image. Le systeme comprend egalement un processeur comportant un module de lissage afin de lisser de maniere iterative les donnees d'intensite pour supprimer tout bruit qui y serait associe. Le processeur comprend en outre un module de detection de bord servant a detecter de maniere iterative des emplacements de pixels delimitant les bords de regions presentant une intensite pratiquement constante dans l'image. Le processeur comprend enfin un module de reconstitution permettant de reconstituer l'image a partir d'emplacements de pixels delimitant les bords, et des donnees d'intensite associes auxdits emplacements de pixels.

Fulltext Availability:

Claims

Claim

... intensity data defines
the intensity of a plurality of edge locations
of substantially uniform intensity.

8 A processing system for reconstruction of a two-dimensional **image** comprising:
a memory having stored therein a set of edge location data defining edges of regions of substantially uniform intensity of the **image** and a set of intensity data defining the intensity of the edges of said regions; and
a processor comprising **software** instructions for iteratively **updating** the intensity of **image** locations across the **image** ,

wherein for each iteration a first **group** of the **software** instructions performing for **image** locations characterized by the absence of intensity data an average of the intensity data of respective neighboring **image** locations and a second **group** of the **software** instructions performing for **image** locations having corresponding intensity data a weighted average of the intensity data for the **image** locations with intensity data of respective neighboring **image** locations such that said iterative updating produces directional spreading of intensities from the edges to **image** locations across the **image**.

20 9. A processing system as claimed in Claim 8, wherein the **software** instructions **update** the intensity of the **image** locations in parallel.

10 A processing system as claimed in Claim 8 wherein the software instructions iteratively update the intensity of non-edge image locations...apparatus for image processing comprising: an array of pixel locations having original intensity data representing the intensities of an image, a processor processing a first **group** of **software** instructions for iteratively smoothing the original intensity data of the pixel locations across the **image** and a second **group** of **software** instructions for iteratively detecting pixel locations defining edges of regions of substantially constant intensity across the **image**, wherein for each iteration the second **group** of **software** instructions for each pixel location magnifying a combination of an edge threshold and a sum of combinations of smoothed intensity data the pixel locations and...

...are determined as a function of the magnified combination for each pixel location; a memory for storing the pixel locations defining the edges of the **image** and the smoothed intensity data representing the intensity of the pixel locations defining the edges; the processor further processing a third **group** of **software** instructions for reconstructing the **image** from the edges and the corresponding smoothed intensity data, wherein the **software** instructions iteratively **updating** the intensity of pixel locations across the array by performing weighted combinations of the intensities of pixel locations

?

16/5,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00314507

Method of operating a computer system for updating programs stored therein.
Arbeitsverfahren eines Rechnersystems zur Aktualisierung der darin
gespeicherten Programme.

Procedure d'exploitation d'un systeme de calculateur pour la mise a jour
des programmes y etant archives.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Killebrew, Alice June, P O Box 156, Buchanan Dam Texas 78609, (US)

Mann, Charles Franklin, 12016 Ladrido Lane, Austin Texas 78727, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 300710 A2 890125 (Basic)
EP 300710 A3 911023

APPLICATION (CC, No, Date): EP 88306539 880718;

PRIORITY (CC, No, Date): US 75794 870720

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-009/44

CITED REFERENCES (EP A):

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 29, no. 11, April 1987, pages
5059-5060, Armonk, NY, US; "Method to control software-update
applications"

IDEM

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 29, no. 8, January 1987, page
3691, Armonk, NY, US; "Automatic application of installation data"

IDEM

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 28, no. 4, September 1985, page
1487, Armonk, NY, US; "Device/profile installation procedure with
validation"

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 25, no. 10, March 1983, page
5148, Armonk, NY, US; H.G. ADVANI et al: "Diskette compatibility
verification during program combine tasks";

ABSTRACT EP 300710 A2

A stored program having a plurality of separately installable features,
stored on a computer system is to be updated. An end user invokes an
update program to update the stored program. The user selects one of a
plurality of operating modes for the computer system and identifies a
target drive and directory where the software program is stored.
Thereafter, the user identifies a source drive and directory where a
plurality of update files are stored. If a prompted mode of operation has
been selected, the system copies the update files from the source drive
and directory to the target drive and directory and then applies all of
the updates to the respective features stored on the target drive in a
sequential manner. If a full function mode of operation has been
selected, the system copies the update files from the source drive and
directory to the target drive and directory and then displays the highest
numbered update stored on the target drive and directory for a selected
installed feature. The user can apply the highest numbered update and all
of the lower numbered updates associated with the selected feature or a
subset of the updates in a sequential manner.

ABSTRACT WORD COUNT: 203

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890125 A2 Published application (Alwith Search Report
;A2without Search Report)

Change: 901219 A2 Representative (change)

Change: 910918 A2 Representative (change)

Search Report: 911023 A3 Separate publication of the European or
International search report

Examination: 920812 A2 Date of filing of request for examination:

920619

Withdrawal: 940727 A2 Date on which the European patent application
was deemed to be withdrawn: 940201

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	375
SPEC A	(English)	EPABF1	5049
Total word count - document A			5424
Total word count - document B			0
Total word count - documents A + B			5424

INTERNATIONAL PATENT CLASS: G06F-009/44

...SPECIFICATION BASE will also contain the highest possible update number for the base component. However, if updates for the given code grouping exist beyond the value associated with the variable GROUP...at least as high as the prerequisite base number for the code grouping's fix limit but less than the prerequisite base number for the code grouping's update one beyond the update limit. (see image in original document)

The subroutine COMPATIBLE then closes the update directory file after all of the update records have been read and processed. A subroutine LOW...

...BASE from among all of the code groupings. (see image in original document) (see image in original document)

Finally, subroutine COMPATIBLE calls a subroutine FIX...

16/5,K/10 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00967495 **Image available**

METHOD AND APPARATUS FOR GAMING DEVICE SOFTWARE CONFIGURATION
PROCEDE ET APPAREIL POUR LA CONFIGURATION DE LOGICIEL DE MACHINES A SOUS

Patent Applicant/Assignee:

IGT, 9295 Prototype Drive, Reno, NV 89511, US, US (Residence), US
(Nationality)

Inventor(s):

BRECKNER Robert, 4519 Eagle Mountain Drive, Spark, NV 89436, US,
LEMAY Steven G, 17085 Castle Pine Drive, Reno, NV 89511, US,

Legal Representative:

MILLER Chad W (agent), Weide & Miller, Ltd., Suite 1130, 330 South 3rd
Street, Las Vegas, NV 89101, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2002101547 A1 20021219 (WO 02101547)

Application: WO 2002US18164 20020610 (PCT/WO US0218164)

Priority Application: US 2001877991 20010608

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/445

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7537

English Abstract

A method and apparatus for packaging, distributing, installing, deleting,

or updating gaming software is disclosed. In one embodiment the method and apparatus of the invention identifies a plurality of files, which may exceed hundreds of files, to be distributed, installed, or provided as updates. The plurality of files are selected and processed into a reduced number of files, often a single file (406). The single file contains all of the plurality of files and is capable of being further processed to restore the plurality of files and the directory structure of the plurality of files. This provides the advantage of having to only perform distribution, tracking, or other related functions on a single file instead of up to hundreds of files at a time. Similar advantages are gained when updating software on a machine because the entire set of software files to be updated may be packaged into a single file and subsequently deleted. Thereafter, a single file may be copied on to the machine (410) and processed to restore files and directory structure of the updated software.

French Abstract

L'invention concerne un procede et un appareil pour le groupement, la distribution, l'installation, l'elimination ou la mise a jour de logiciel de jeu. Dans un mode de realisation, le procede et l'appareil de l'invention permettent l'identification de plusieurs fichiers, en nombre pouvant dépasser plusieurs centaines, destines a etre distribues, installes ou fournis mis a jour. La pluralite de fichiers est selectionnee et traitee, de maniere qu'un nombre reduit de fichiers soit produit, souvent un seul fichier (406). Ce fichier unique contient tous les fichiers de la pluralite de fichiers et la structure de repertoire de la pluralite de fichiers. Ainsi, il est seulement necessaire d'assurer la distribution, le suivi ou d'autres fonctions afferentes sur un seul fichier au lieu de le faire sur plusieurs centaines en une fois. De meme, lors de la mise a jour d'un logiciel sur une machine, l'integralite des fichiers de logiciel a mettre a jour peut etre groupee sous la forme d'un seul fichier et effacee ulterieurement. Un seul fichier peut etre ensuite copie sur la machine (410) et traite, de sorte que les fichiers et la structure de repertoire du logiciel mis a jour soient restaures

Legal Status (Type, Date, Text)

Publication 20021219 A1 With international search report.

Main International Patent Class: G06F-009/445

Fulltext Availability:

Detailed Description

Detailed Description

... the invention.

[00201 The invention overcomes the disadvantages of the prior art by providing a method and apparatus for accurately and efficiently tracking, storing, and **updating** gaming files . In general and in accordance with the invention, the plurality of software files that comprise a game are **assembled** into one or more combined files or images. The term **image** is used broadly herein to mean a compilation or assembly of two or more files into a single file. In alternative embodiments, the assembly of... comprises a USB (universal serial bus) key obtained by license procedures.

[0062] Next, at step 608, the operation un-mounts the files structure of the **software** that is to be **updated** . In one embodiment this comprises compiling, **collecting** , or forming the files of a game into an **image** file, such as a recreation of the file image that was initially mounted onto the media when the game was installed and mounted. This provides the advantage of collecting all the game files into a single file. Next, at a step 610 the newly created image file, composed of the **software** to be **updated** , is deleted. Thus, all the **software** that is to be **updated** or replaced is easily deleted as it is all contained in the newly created image file.

[0063] At a step 612, the operation copies the...

16/5,K/12 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00931248 **Image available**

CLIENT SOFTWARE ENABLING A CLIENT TO RUN A NETWORK BASED APPLICATION
LOGICIEL CLIENT PERMETTANT A UN CLIENT D'EXECUTER UNE APPLICATION RESEAU
Patent Applicant/Assignee:

ALTIO LIMITED, Adelaide House, 626 Chiswick High Road, London W4 5RY, GB,
GB (Residence), GB (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

LEVETT David Lawrence, 52 Arethusa Way, Bisley, Woking, Surrey GU24 9BX,
GB, GB (Residence), GB (Nationality), (Designated only for: US)
MILLS Robert Ian, 9 Southern Hay, Hartley Wintney, Hampshire RG27 8TZ, GB
, GB (Residence), GB (Nationality), (Designated only for: US)
NATHAN Benjamin Lawrence, 54 Ravenscroft Avenue, London NW11 8AU, GB, GB
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

LANGLEY Peter James (agent), Origin Limited, 52 Muswell Hill Road, London
N10 3JR, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200265286 A2 20020822 (WO 0265286)

Application: WO 2002GB578 20020212 (PCT/WO GB0200578)

Priority Application: GB 20013308 20010212; GB 200112433 20010522

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 24246

English Abstract

Client software, enabling a client to run a network based application which uses structured data, in which the client software comprises: (a) a communication layer to send and receive messages over the network; (b) a database layer to store, and allow querying of, the structured data; (c) a rendering layer which generates, from the structured data in the database layer, data for a user interface; wherein the client software is self-contained to provide all of the communications, data storage and rendering resources needed to run the network based application on the client device. The 3 Layer System is fully integrated and therefore requires no additional client side code to be written. Normally, this level of self-containment on the client side does not exist, so that a developer wishing to deploy a network based application to a client device needs to write client side custom code for the user interface.

French Abstract

L'invention concerne un logiciel client permettant a un client d'executer une application reseau utilisant des donnees structurees. Ce logiciel client comprend (a) une couche de communication servant a envoyer et recevoir des messages sur ce reseau, (b) une couche de base de donnees permettant de stocker ces donnees structurees et de les interroger, et (c) une couche de restitution produisant des donnees pour une interface utilisateur a partir des donnees structurees dans la couche de base de donnees. Ledit logiciel client est autonome pour fournir toutes les ressources de communication, de stockage de donnees et de restitution necessaires pour executer cette application reseau sur le dispositif

client. Ce systeme a 3 couches est entierement integre et, donc, ne requiert pas l'ecriture d'un code supplementaire cote client. Habituellement, ce niveau d'autonomie cote client n'existe pas, un concepteur desireux de deployer une application reseau sur un dispositif client devant alors ecrire un code personnalise cote client pour l'interface utilisateur.

Legal Status (Type, Date, Text)

Publication 20020822 A2 Without international search report and to be republished upon receipt of that report.

Examination 20021107 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Detailed Description

... Client requests the Application Images (i.e.

backgrounds, button images, icons and skins), which are served from the Sync Engine.

These can be packed into **composite image files** to minimize download time.

At the same time the AltioLive Client is subscribed to any Data Pools so that they receive relevant updates to the initial data set. Data Pools are shared across clients, and track changes from the initial data sent to each client. Data Pools collect **updates** from the backend **application** either by polling to a URL at regular intervals (HTTP polling) or by having updates streamed through JMS, an HTTP streaming connection, or Socket (direct...Application Images (i.e. backgrounds, button images, icons and skins), which are served from the Sync Engine. These can be packed into one or more **composite image files** to minimize download times.

The Sync Engine also processes the Data Configuration XML. This specifies Service Functions (defined in the Server Configuration Y2vfl) that request...

...the Client specifically needs it using image specific Service Functions.

The Data Configuration XML also subscribes the Client to Datapools within the Sync Engine. The **Application updates** the Initial Data by either polling for, or streaming, Data Updates from the Sync Engine. The mechanism and frequency is configured per Datapool in the...

16/5,K/14 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00904292 **Image available**

METHOD OF CONSTRUCTING A COMPOSITE IMAGE WITHIN AN IMAGE SPACE OF A WEBPAGE
PROCEDE DE CONSTRUCTION D'UNE IMAGE COMPOSITE

Patent Applicant/Assignee:

DESKNET INC, 83 Maiden Lane, New York, NY 10038, US, US (Residence), US
(Nationality)

Inventor(s):

FITZSIMONS Edgar Michael, 207 East 74th Street, New York, NY 10021, US,
FITZSIMONS Brian G, 15 Fox Hill Lane, Short Hills, NJ 07078, US,
LANGENBACH Erik Richard, 2 Juengst Road, Croton Falls, NY 10519, US,

Legal Representative:

HUGHES Christopher A (agent), Morgan & Finnegan, LLP, 345 Park Avenue,
New York, New York 10154, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200237939 A2-A3 20020516 (WO 0237939)

Application: WO 2001US50942 20011019 (PCT/WO US0150942)
Priority Application: US 2000241661 20001020; US 2001932656 20010817; US
2001932517 20010817

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-003/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6062

English Abstract

A method and apparatus are provided for constructing a composite image (84) within an image space of a webpage. The method includes displaying a plurality of source images (128, 130, 132) within a content area (126) of the webpage and dividing the image space of the composite image into a plurality of subspaces (142). The method further includes designating a subspace of the plurality of subspaces for receipt of a selected image of the plurality of images and resizing the selected image to fit the designated subspace of the composite image.

French Abstract

L'invention concerne un procede et un dispositif de construction d'une image composite a l'interieur d'un espace d'image d'une page Web. Ce procede consiste a afficher une pluralite d'images sources dans une zone de contenu de la page Web, puis a diviser l'espace d'image de l'image composite en une pluralite de sous-espaces. Ledit procede consiste en outre a designer un sous-espace relevant de cette pluralite de sous-espaces pour la reception d'une image selectionnee a partir de la pluralite d'images, puis a redimensionner l'image selectionnee de facon a l'adapter au sous-espace designe de l'image composite.

Legal Status (Type, Date, Text)

Publication 20020516 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20020912 Late publication of international search report

Republication 20020912 A3 With international search report.

Search Rpt 20020912 Late publication of international search report

Correction 20030424 Corrected version of Pamphlet: pages 1/17-17/17, drawings, replaced by new pages 1/17-17/17

Republication 20030424 A3 With international search report.

Main International Patent Class: G06F-003/00

Fulltext Availability:

Detailed Description

Detailed Description

... content completely replaces the old content.

Turning now to the composite images, an example will now be provided regarding the structure and content of the **composite image files** 21, 29. Appendix II may be representative of a CEF file 21, 29 that may be generated by the PBVB tool 30 from the composite...

...CEF files 10 elements and corresponding elements of the composite image 168.

As may be noted, line I defines the type of CEF 21, 29 **file by version** and the term "encoding="lininl " defines an XML character set. Line 3 provides a 1 3 URL to a relevant DTD 27, 3 1. Line...

16/5,K/15 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00877759

**SYSTEM AND METHOD FOR SERVING COMPRESSED CONTENT OVER A COMPUTER NETWORK
SYSTEME ET PROCEDE PERMETTANT DE PRENDRE EN CHARGE UN CONTENU COMPRESSE SUR
UN RESEAU INFORMATIQUE**

Patent Applicant/Assignee:

REMOTE COMMUNICATIONS INC, 10721 Monaco Street, Littleton, CO 80124, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

CRANSTONE Peter J, 10721 Monaco Street, Littleton, CO 80124, US, US
(Residence), US (Nationality), (Designated only for: US)
KILEY Kevin J, Route 1, Box 325 B-1, Bigelow, AZ 72016, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

COPPOLA Joseph V Sr (et al) (agent), Rader, Fishman and Grauer PLLC,
Suite 140, 39533 Woodward Avenue, Bloomfield Hills, MI 48304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200210929 A1 20020207 (WO 0210929)

Application: WO 2001US23490 20010726 (PCT/WO US0123490)

Priority Application: US 2000221411 20000728; US 2000703330 20001031

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-013/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10073

English Abstract

An in-line compression server (24) is disposed between a user-agent (14) such as a web browser and a web server. The compression server (24) compresses requested objects in real-time and transmits them to the user-agent (14). The compression occurs according to a decompression capability of the user-agent (14), thereby reducing the waiting time for the user-agent (14).

French Abstract

Dans le cadre de cette invention, un serveur de compression en ligne (24) se trouve entre un agent d'utilisateur (14), tel qu'un navigateur web, et un serveur web. Ce serveur de compression (24) compresse en temps reel des objets demandes et les transmet a l'agent d'utilisateur (13). La decompression se fait en fonction des capacites de decompression de l'agent d'utilisateur (14), ce qui reduit le temps d'attente de celui-ci.

Legal Status (Type, Date, Text)

Publication 20020207 A1 With international search report.

Main International Patent Class: G06F-013/00

Fulltext Availability:

Detailed Description

Detailed Description

... conventional PC including a processor, with 128 megabytes of RAM, and a 4 gigabyte SCSI hard drive, O/S 20 may comprise a slackWare Linux operating system software version 2 35, web server 18 may comprise

the publicly available Apache HTTPcompliant web server **software**
version 1.6 and above.

Database 22 is configured to store a plurality of objects that may be requested by a user-agent such as a web browser and provided with a response by web server 18.

Requested object types may include a Graphics Information Foirnat Image file (*.GIF), a Hypertext Mark-up Language **file** (*.HTML), a Joint Photographic Experts **Group image file** (*.JPG), a Java Class file (*.CLASS), a Java Archive Redundant type file (*.JAR), a Portable Document file (*.PDF), a Windows Audio file (*.WAV), as well...

?

17/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01563151

Methods for upgrading or updating data and software on computers
Verfahren zum Aufwerten oder Aktualisieren von Daten und Software auf
Rechnern

Methodes pour mettre a niveau ou mettre a jour des donnees et des logiciels
sur des ordinateurs

PATENT ASSIGNEE:

Tschabold, Brendan, (3889150), Zipartenstrasse 43, 8600 Dubendorf, (CH),
(Applicant designated States: all)

INVENTOR:

Tschabold, Brendan, Zipartenstrasse 43, 8600 Dubendorf, (CH)

LEGAL REPRESENTATIVE:

Blum, Rudolf Emil Ernst (24791), c/o E. Blum & Co Patentanwalte
Vorderberg 11, 8044 Zurich, (CH)

PATENT (CC, No, Kind, Date): EP 1300761 A1 030409 (Basic)

APPLICATION (CC, No, Date): EP 2001123267 011004;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-009/445

ABSTRACT EP 1300761 A1

A mechanism is disclosed for upgrading or updating software and data on local computers (1) at a plurality of sites (2). Each local computer (1) is connected to the internet (4) and is designed to send upgrade and update requests from background processes. These processes are only activated when the internet is accessed anyway. For upgrading the computer's operating system, the new version is downloaded and stored in a manner that does not compromise the functionality of the currently running operating system, thereby allowing the user to continue his/her work without even noticing that a new operating system is downloaded. The new operating system will become active when the computer is restarted the next time. The mechanism can also be used for updating visual data to be displayed by a screensaver, or other types of local data.

ABSTRACT WORD COUNT: 138

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 030409 A1 Published application with search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200315	838
SPEC A	(English)	200315	3389
Total word count - document A			4227
Total word count - document B			0
Total word count - documents A + B			4227

INTERNATIONAL PATENT CLASS: G06F-009/445

...SPECIFICATION possible to update any other file shown in Fig. 6.

One of these files is a file 43 called "screensaver.jpg". This file contains the **image** to be displayed by the screensaver 31 when the same becomes active. It may be a jpeg file or any other file or group of files that can be used for generating the screensaver display, such as graphics or multimedia data. Preferably, the file 43 contains advertising information.

The update mechanism therefore also allows to update the image to be displayed by the screensaver.

In the example discussed here, when updating the local data all of it is updated. However, it may also...

01540785

Transforming & caching computer programs

Transformierung & Caching von Computerprogrammen

Transformation & stockage en antememoire des programmes d'ordinateur

PATENT ASSIGNEE:

Hewlett-Packard Company, (206037), 3000 Hanover Street, Palo Alto, CA
94304, (US), (Applicant designated States: all)

INVENTOR:

Deusterwald, Evelyn, 119 College Avenue nr. 34, Somerville, MA 02144,
(US)

Desoli, Giuseppe, Via Aquileia 9/11, Como 22100, (IT)

Faraboschi, Paolo, 127 Kilsyth Road, Apt. 7, Brighton, MA 02135, (US)

Fisher, Joseph A., 30 Griggs Road, Brookline, MA 02446, (US)

Bala, Vasanth, 64 Hunt Road, Sudbury, MA 01776, (US)

LEGAL REPRESENTATIVE:

Jehan, Robert et al (72664), Williams, Powell, 4 St, Paul's Churchyard,
London EC4M 8AY, (GB)

PATENT (CC, No, Kind, Date): EP 1283465 A2 030212 (Basic)

APPLICATION (CC, No, Date): EP 2002254919 020712;

PRIORITY (CC, No, Date): US 924260 010808

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-009/455

ABSTRACT EP 1283465 A2

Apparatus for dynamically transforming and caching at least one computer program (12) comprises computer executable instructions stored on one or more computer readable storage media for dynamically transforming (42) and caching (36) code fragments and for causing the code fragments to be executed by at least one computer processor (14). The apparatus also includes instructions providing an application programming interface (22) enabling the at least one computer program (12) to activate the instructions for dynamically transforming code fragments and the instructions for caching code fragments.

ABSTRACT WORD COUNT: 86

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 030212 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200307	549
SPEC A	(English)	200307	6968
Total word count - document A			7517
Total word count - document B			0
Total word count - documents A + B			7517

INTERNATIONAL PATENT CLASS: G06F-009/455

...SPECIFICATION by the DELI 10 to gain control over the application 12 is to use a special version of crt0. Crt0 is the execution start up code typically created from the **assembly file** crt0.s) that is linked to the executable by the link editor ld at link-time. The kernel loader transfers control to the top of crt0 after it has loaded the entire executable **image**. The crt0 code is responsible for picking up the command line arguments, setting up the initial stack and data segment, and then making a call...

...calling the application 12 entry point, crt0 maps the dynamic link loader dld, which then loads any dynamically linked libraries (DLL's) referenced by the **application** 12. A custom **version** of crt0 can be used to additionally map the DELI code (itself compiled as a DLL), and

· call the DELI's entry point instead of...

...problem can optionally be overcome by using a special version of dld which loads the DELI DLL in addition to any libraries invoked by the application 12, and which patches the crt0 code so that it jumps to the DELI's entry point instead of the application's.

These four exemplary methods described above for taking control of...

17/5,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01119924

Contents registration apparatus and method
Gerat und Verfahren fur Inhalt-Registrierung
Dispositif et procede pour l'enregistrement de contenu
PATENT ASSIGNEE:

ASCII CORPORATION, (650964), 33-10, Yoyogi 4-chome, Shibuya-ku, Tokyo,
(JP), (Applicant designated States: all)
Murayama, Kyohei John, (2823680), 1-5-1-615, Okubokita, Kumatori-cho,
Sennan-gun, Osaka, (JP), (Applicant designated States: all)

INVENTOR:

Murayama, Kyohei John, 1-5-1-615, Okubokita, Kumatori-cho Sennan-gun
Osaka, (JP)

LEGAL REPRESENTATIVE:

Waldren, Robin Michael (55602), MARKS & CLERK, 57-60 Lincoln's Inn Fields
, London WC2A 3LS, (GB)

PATENT (CC, No, Kind, Date): EP 980177 A2 000216 (Basic)
EP 980177 A3 030423

APPLICATION (CC, No, Date): EP 99306384 990813;

PRIORITY (CC, No, Date): JP 98229159 980813; JP 9932054 990209

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04M-003/50; G06F-017/30 ; H04M-003/493

ABSTRACT EP 980177 A2

The invention is related to a contents registration apparatus. The contents registration apparatus of the invention comprises; a storage section (20) for storing a file which can be processed by a browser, a modem (30) for connecting to a public telephone line, and a content registration section (11 or 212 or 213 or 214) which acquires via the modem, data that is sent from a telephone or a facsimile via a public telephone line, converts this into a file which can be processed by a program and stores this in the storage section.

ABSTRACT WORD COUNT: 94

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 030423 A2 International Patent Classification changed:
20030301

Application: 20000216 A2 Published application without search report

Search Report: 030423 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200007	1773
SPEC A	(English)	200007	23533
Total word count - document A			25306
Total word count - document B			0
Total word count - documents A + B			25306

...INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION wav file being the content file related to voice, a
www.jpg file or a www.gif file, being a content file related to a image

· is stored in the content directory 100. Furthermore, the content.html is a file where www.jpg or www.gif is specified as an **image** display file. Here the file www.jpg is a file in JPEG (Joint Photograph Coding Experts **Group**) format, while the file www.gif is a file in GIF (Graphic Interchange Format) format, both being file formats which can be processed by a browser. Here, this is...

...file where the file extension is "jpg" is a JPEG format file, while a format where the file extension is "gif" is a GIF format file.

In the case of **updating** a content related to a **image**, the content registration section 11 does not play the announcement in step S11 of FIG. 3, but acquires via the modem 30, the digital data of the Huffman coded **image** sent from the facsimile and stores this in memory.

Then in step S12, the content registration section 11 performs decode processing on the stored digital...

17/5,K/15 (Item 15 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00924955

Dynamic incremental updating of electronic documents

Dynamisches und inkrementales Aktualisieren von elektronischen Dokumenten

Mise a jour dynamique et continue de documents electroniques

PATENT ASSIGNEE:

Adobe Systems, Inc., (1120813), 345 Park Avenue, San Jose, California 95110, (US), (Applicant designated States: all)

INVENTOR:

Perez De Lara, Bernardo, 169 Rabbit Court, Fremont, California 94539, (US)

Perelman, Roberto, 1614 Eagle Drive, Sunnyvale, California 94087, (US)

Orthlieb, Carl W., 173 Sierra Vista Avenue, Unit 24, Mountain View, California 94043, (US)

Malloy, Thomas J., 10 Mapache Court, Portola Valley, California 94028, (US)

LEGAL REPRESENTATIVE:

Wombwell, Francis et al (46021), Potts, Kerr & Co. 15, Hamilton Square, Birkenhead Merseyside L41 6BR, (GB)

PATENT (CC, No, Kind, Date): EP 843266 A2 980520 (Basic)

EP 843266 A3 000119

APPLICATION (CC, No, Date): EP 97309168 971114;

PRIORITY (CC, No, Date): US 751573 961118

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/24

ABSTRACT EP 843266 A2

A computer-implemented method and apparatus redefining an electronic document displayed to a user by a viewer. The method includes displaying an electronic document having information content and formatting information defining a predetermined final format for the appearance of the document when displayed, where the document has one or more fields; receiving an update to the electronic document in response to a request initiated at the viewer, the update including data for modifying one or more fields in the electronic document; importing the update to redefine the electronic document; and displaying the redefined document. Preferred embodiments have the following features. The update includes a redefinition of information content or of formatting information of the electronic document. The request is directed to a server and the server generates the update in response to the request and transmits the update to the viewer. The request is directed to a process running on the computer with the viewer and the process generates the update in response to the request and provides the update to the viewer. The method also includes receiving from a user input data for one or more fields of the electronic document; redefining the electronic document to include the input data as field values; and including the input data in the request.

ABSTRACT WORD COUNT: 212

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Withdrawal: 010411 A2 Date application deemed withdrawn: 20000720
Search Report: 20000119 A3 Separate publication of the search report
Application: 980520 A2 Published application (Alwith Search Report
;A2without Search Report)

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS A	(English)	9821	835
----------	-----------	------	-----

SPEC A	(English)	9821	4092
--------	-----------	------	------

Total word count - document A	4927
-------------------------------	------

Total word count - document B	0
-------------------------------	---

Total word count - documents A + B	4927
------------------------------------	------

INTERNATIONAL PATENT CLASS: G06F-017/24

...SPECIFICATION specific to the implementation, and can be changed or omitted if other languages or formats are used.

The electronic document 22 is organized as a **collection of objects**. An "**object**" is a logical software unit comprising data and methods that operate on the data to give it capabilities and attributes. Examples of object types used...pages, text blocks, graphical objects (such as lines or polygon shapes), images (such as bitmaps), fonts, and user-specific objects. An object may generate an **image** on a display according to its type and attributes. For example, a text object may include a string of text, the position of the text...

...The present invention introduces several new types of objects, including fields, annotations, and actions, which will be discussed below. The fields, annotations and actions are **objects** consistent with previous **versions** of the PDF **file** format, described in Portable Document Format Reference Manual, Adobe Systems, Inc., Addison-Wesley Publishing Company, New York, 1993, incorporated by reference in its entirety.

Referring...

17/5,K/28 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

01008688 **Image available**

METHOD AND SYSTEM FOR ACCESSING A COLLECTION OF IMAGES IN A DATABASE

PROCEDE ET SYSTEME D'ACCES A UN ENSEMBLE D'IMAGES DANS UNE BASE DE DONNEES

Patent Applicant/Assignee:

HEWLETT-PACKARD COMPANY, 3000 Hanover Street, M/S 1051, Palo Alto, CA
94304-1112, US, US (Residence), US (Nationality)

Inventor(s):

LIN Qian, 159 Gilbert Avenue, Santa Clara, CA 95051, US,
GARGI Ullas, 821 E. Dana Street, Mountain View, CA 94041, US,
LEE Ho John, 167 Rinconada Avenue, Palo Alto, CA 94301, US,

Legal Representative:

HEMINGER Susan E (agent), Hewlett-Packard Company, IP Administration,
P.O. Box 272400, Ft. Collins, CO 80527-2400, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200338680 A2 20030508 (WO 0338680)

Application: WO 2002US34595 20021029 (PCT/WO US0234595)

Priority Application: US 2001984810 20011031

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7055

English Abstract

A method and system are disclosed for accessing a collection of images in a database. In accordance with exemplary embodiments of the present invention, each of the images is sorted (105) into one of a plurality of time-based clusters. A weighted quality metric is used (120) to assign to each image a quality number as a function of an image analysis heuristic. A representative image (402) is automatically selected (125) from each time-based cluster based on the quality number.

French Abstract

L'invention concerne un procede et un systeme permettant d'accéder a un ensemble d'images dans une base de données. Selon certains modes de réalisation de la présente invention, chacune des images est triée (105) en une pluralité de grappes temporelles. Une mesure de la qualité pondérée (120) permet d'attribuer a chaque image un chiffre de qualité en fonction d'une heuristique d'analyse d'image. Une image représentative (402) est automatiquement sélectionnée (125) a partir de chaque grappe temporelle en fonction de ce chiffre de qualité.

Legal Status (Type, Date, Text)

Publication 20030508 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... from which it can be determined which images are considered most meaningful and significant to the user.

[0016] According to exemplary embodiments, the attributes of **image** use contained in the contextual information database can be automatically obtained and **collected** from any **application** or **program** from which the user accesses, views, or otherwise manipulates the images in the **image** database. For example, if the user e-mails a particular **image** from the **image** database to a friend or colleague, the record of the associated attribute of image use in the contextual information database corresponding to the particular image can be automatically **updated**. For example, the **image** database could communicate with the contextual information database, by any electronic means of communication, to notify the contextual information database of the **image** access. Alternatively, the e-mail program could communicate with the contextual information database, by any electronic means of communication, to notify the contextual information database of the e-mailing of the particular **image**. Alternatively, the contextual information database could maintain communication with the **image** database and/or e-mail program to retrieve the **image** access and e-mail information from the database and/or e-mail **program**, respectively, to **update** the record of attribute of **image** use information associated with that particular **image** in the contextual information database.

[0017] However, the contextual information database and the application or program from which the user accesses, views, or otherwise manipulates ...0018] According to an alternative exemplary embodiment, a user can manually add information, such as, for example, attributes of image use, to the contextual information **database** and manually **update** that information. Thus, the attributes of **image** use contained in the contextual information database can be either

automatically or manually obtained and collected from any application or program, located either locally or remotely to the contextual information database.

[00191 In step 115, the contextual information database is accessed to determine the quality number...

17/5,K/31 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00948255 **Image available**

ELECTRONIC IMAGE MANAGEMENT SYSTEM
SYSTEME DE GESTION D'IMAGE ELECTRONIQUE

Patent Applicant/Assignee:

PROLATUS INC, 4000 Olson Memorial Highway, Suite 220, Golden Valley, MN 55422, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HOEKSTRA Jeffrey D, 1400 East Como Blvd., St. Paul, MN 55117, US, US (Residence), US (Nationality), (Designated only for: US)
ATKINSON Donald, 2442 Lost Lake Road, Mound, MN 55364, US, US (Residence), US (Nationality), (Designated only for: US)
RYWELSKI Chris, 422 Tyler Avenue South, Edina, MN 55343, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

SCHWAPPACH Karl G (et al) (agent), Faegre & Benson LLP, 2200 Wells Fargo Center, 90 South 7th Street, Minneapolis, MN 55402-3901, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200282415 A1 20021017 (WO 0282415)
Application: WO 2002US4457 20020215 (PCT/WO US0204457)
Priority Application: US 2001282637 20010409

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G09G-001/06

International Patent Class: G06K-009/03; G06K-015/00; G06F-003/00 ; G06F-017/60 ; H04N-005/87; H04N-001/32; H04N-001/40

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 12979

English Abstract

A system and method for managing electronic images (900). High resolution digital master image files (908, 910) and/or compressed copies of the high resolution digital different versions (912A, 912B, 912C, 912D) to high resolution digital master image file (908). The high resolution digital master image file (908) and/or compressed copies thereof are transferred from the first location (926) to a second location (918) along with one or more of the script files. The compressed copies are decompressed. One or more of the script files are applied to the high resolution digital master image file (908) or the decompressed copy file of the high resolution digital image file (908) at the second location (918) to produce one or more different versions of the high resolution digital master image file at the second location (918) to produce one or more different versions of the high resolution digital master image file.

French Abstract

La presente invention concerne un systeme et un procede permettant de

gerer des images (900) electroniques. Des fichiers (908, 910) de plaques numeriques haute definition et/ou des copies compressees des versions differentes numeriques haute resolution (912A, 912B, 912C, 912D) sont stockes a une premiere localisation avec des fichiers de macros correspondant aux differentes versions du fichier (908) de plaques numeriques haute resolution. Ce fichier (908) de plaques numeriques haute definition et/ou les copies compressees de ces plaques sont transferees de la premiere localisation (926) a une deuxieme localisation (918) avec un ou plusieurs des fichiers de macros. Les copies compressees sont decomprimees. Un ou plusieurs des fichiers de macros sont appliques au fichier (908) de plaques numeriques haute resolution ou au fichier de copies decomprimees du fichier (908) d'images numeriques haute resolution a la deuxieme localisation (918), de facon a produire une ou plusieurs versions differentes du fichier de plaques numeriques haute resolution au niveau de cette deuxieme localisation (918) et de facon a produire une ou plusieurs versions differentes de ce fichier de plaques numeriques haute resolution.

Legal Status (Type, Date, Text)

Publication 20021017 A1 With international search report.

Examination 20030206 Request for preliminary examination prior to end of 19th month from priority date

...International Patent Class: G06F-003/00 ...

... G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... file and reduces the amount of network traffic and processor time required to transfer, process and print high resolution digital master image files.

The electronic **image** management system 900 includes an **image** archive 902 at a first location 926 that preferably includes both a storage system 904 and a processor 906. The storage system 904 includes one or more high resolution digital master **image** files 908, 910. Each of the high resolution digital master **image** files is typically about 25 Mb to about 100 Mb or larger. Rather than storing different versions of the high resolution digital master **image** file 910 as full resolution files, the modifications corresponding to the different **versions** are stored as script files 912A, 912B, 912C, 912D (collectively referred to as "912"). Each of the script files 912 requires significantly less storage space (typically less than 100k) than the high resolution digital master **image** file 910.

As used herein, " **version** " refers to a high resolution digital master **image** file with certain modifications, including without limitation, edge sharpening, conversion to a different color space, global or pixel level corrections or adjustments such as exposure correction, neutralizing color casts, optimization of reproduction - 26 range, **image** silhouetting, color alteration, pixel editing, retouching and color space conversion. For example, the RGB color space requires approximately 25 percent less storage space than the CMYK color space. Storing a high resolution digital master **image** file in an RGB color space can save approximately 2 to about 100 megabytes of space in the storage system 904. When a high resolution digital master **image** file is required, one or more of the script files is applied to convert the high resolution digital master **image** file to a different color space, such as the CMYK color space. In another example, high resolution digital master **image** files are smaller if stored without edge definition. When the high resolution digital master **image** file is required for some application, one or more of the script files is applied to amplify or multiple the edge definition (also referred to...

00907051 **Image available**

SYSTEM AND METHOD FOR UPDATING AND DISTRIBUTING INFORMATION

SYSTEME ET PROCEDE DE MISE A JOUR ET DE DISTRIBUTION D'INFORMATIONS

Patent Applicant/Assignee:

DIGITAL TRANSIT, 24672 San Juan Avenue, Suite 102, Dana Point, CA 92629,
US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

O'NEIL Patrick J, 24672 San Juan Avenue, Suite 102, Dana Point, CA 92629,
US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

DELANEY Karoline A (agent), Knobbe, Martens, Olson & Bear, LLP, 620
Newport Center Drive, 16th Floor, Newport Beach, CA 92660, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200241147 A1 20020523 (WO 0241147)

Application: WO 2001US44034 20011119 (PCT/WO US0144034)

Priority Application: US 2000249606 20001117

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ

EC EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID

IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ

NO NZ PH PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ

UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/455

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 28481

English Abstract

The present invention discloses efficient devices, systems, and methods for updating digital information sequences that are comprised by software (110a), devices (104a), and data (110c). In addition, these digital information sequences may be stored and used in various forms, including but not limited to files, memory locations, and/or embedded storage locations. The disclosed invention is thus suitable for updating many types of digital information sequences and in the context of updating software comprised of multiple files. Furthermore, the devices, systems, and methods described herein provide a developer skilled in the art with an improved ability to generate update information as needed and, additionally, allow users to proceed through a simplified update path, which is not error-prone, and may be performed more quickly than through the use of existing technologies.

French Abstract

L'invention concerne des dispositifs, des systemes et des procedes efficaces de mise a jour de sequences d'informations numeriques contenues dans des logiciels (110a), dispositifs (104a) et donnees (110c). Par ailleurs, il est possible de stocker ces sequences d'informations numeriques et de les utiliser sous diverses formes, entre autres, les fichiers, les emplacements de memoire, et/ou les emplacements de memoire integres. Par consequence, l'invention se prete a la mise a jour de nombreux types de sequences d'informations numeriques, ainsi qu'a la mise a jour de logiciels contenant des fichiers multiples. Par ailleurs, les dispositifs, systemes et procedes de l'invention font intervenir un developpeur efficace dote d'une capacite accrue a produire a volonte des informations mises a jour, en plus de permettre aux utilisateurs de suivre un chemin de mise a jour simplifie, de presenter un risque d'erreur nul, et enfin, de pouvoir etre execute plus rapidement qu'avec

. les technologies existantes.

Legal Status (Type, Date, Text)

Publication 20020523 A1 With international search report.

Publication 20020523 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20030130 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-009/455

Fulltext Availability:

Detailed Description

Detailed Description

... desired code version, but rather, what word sequences should be changed to transform the existing code version into the desired code version.

Upon opening the **image** of the current **code** version the **update** generator

102 subsequently compiles a **collection** of digital information sequences from the **image** for use in a state 306. In generating the **update** package 110, the **collection** of digital information sequences may be used to generate an **image** representing the desired the second **code version** 108. Details of how this collection of digital information sequences is used in instruction set generation and subsequent modification of the existing **code version** into the new **code version** will be described in greater detail with reference to Figures 5 and 6.

In the state 306, the update generator 102 pre-processes the existing...

17/5,K/60 (Item 34 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00280298 **Image available**

INTERACTIVE IMAGE SYNTHESIS AND PROCESSING

TRAITEMENT ET SYNTHESE INTERACTIFS D'IMAGES

Patent Applicant/Assignee:

CAMBRIDGE ANIMATION SYSTEMS LIMITED,

BEREND Andrew Louis Charles,

WILLIAMS Mark Jonathan,

BROCKLEHURST Michael John,

Inventor(s):

BEREND Andrew Louis Charles,

WILLIAMS Mark Jonathan,

BROCKLEHURST Michael John,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9428476 A2 19941208

Application: WO 94GB1148 19940526 (PCT/WO GB9401148)

Priority Application: GB 9310940 19930527

Designated States: GB JP US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-015/72

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5665

English Abstract

Partial raster images of the objects represented in a desired composite raster image are generated and stored separately. When one object is modified, only that object, or at most a small subset of all the objects in the image, need be re-rendered into raster format. This allows the composite raster image to be redrawn quickly, giving the system a good

interactive response. The system also allows a "brush stroke"-like object to be interactively created using a pen and digitising tablet in a similar way to an artist using a conventional paint brush, while retaining the benefits of an "object-based" representation of brush strokes.

French Abstract

Des images partielles a balayage trame des objets representes dans une image composite requise a balayage trame sont separement generees et stockees. Lorsqu'un objet est modifie, uniquement cet objet, ou tout au plus un petit sous-ensemble de tous les objets de l'ensemble, doit etre a nouveau rendu en un format de balayage trame. Ceci permet de redessiner rapidement l'image a balayage trame composite, ce qui confere au systeme une bonne aptitude de reponse interactive. Le systeme permet egalement de creer interactivement un objet analogue a un "coup de pinceau" a l'aide d'un stylo et d'une tablette graphiques, a la maniere d'un artiste utilisant un pinceau classique, tout en preservant les avantages d'une representation de coups de pinceau "orientee objet".

Main International Patent Class: G06F-015/72

Fulltext Availability:

Detailed Description

Detailed Description

... to

produce the output image. To this point, there is no saving compared with conventional systems.

When an object is changed, however, only the raster **image** containing the object that changed needs to be re-rendered. The result can then be composited at 208 with other raster images read from the bit map cache memory 210 to produce the updated output **image** in the frame store 130. At the same time, the partial raster **image** for the changed **object** is **updated** in the cache memory 210 for use in producing subsequent images,

CACHING GROUPS OF OBJECTS

There are a number of problems with the simple minded caching strategy outlined above. The first is that for an **image** made up of a reasonably large number of objects the amount of memory required to store a cached **image** of every object could be prohibitive.

Furthermore, while it should generally be quicker to composite a cached image than to render the object is
- 14...date

rendered image at all times during this process, the layers can be optimised for the specific operation being performed. When the user selects the **object**, then the optimum **grouping** would be to have three layers, one containing everything under the selected object, one containing everything above the selected object, and a third containing just...

...When

the object is edited, only the layer containing the object need be rendered, which should be fairly fast since it contains just the one **object**. The **updated image** is then produced by compositing the three layers together. This process would be repeated as the artist drags the control point to edit the object...

?

File 275:Gale Group Computer DB(TM) 1983-2003/Jul 15
(c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jul 14
(c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Jul 14
(c) 2003 The Gale Group
File 16:Gale Group PROMT(R) 1990-2003/Jul 14
(c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Jul 15
(c)2003 The Gale Group
File 624:McGraw-Hill Publications 1985-2003/Jul 14
(c) 2003 McGraw-Hill Co. Inc
File 15:ABI/Inform(R) 1971-2003/Jul 12
(c) 2003 ProQuest Info&Learning
File 647:CMP Computer Fulltext 1988-2003/Jun W4
(c) 2003 CMP Media, LLC
File 674:Computer News Fulltext 1989-2003/Jul W2
(c) 2003 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2003/Jul 14
(c) 2003 The Dialog Corp.
File 369:New Scientist 1994-2003/Jul W1
(c) 2003 Reed Business Information Ltd.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 610:Business Wire 1999-2003/Jul 15
(c) 2003 Business Wire.
File 613:PR Newswire 1999-2003/Jul 15
(c) 2003 PR Newswire Association Inc

Set	Items	Description
S1	15234482	SOFTWARE OR PROGRAM? ? OR APPLICATION? ? OR FILE? ? OR DATABASE? ? OR DATA()BASE? ? OR CODE OR CODES OR OBJECT? ? OR OS OR OPERATING()SYSTEM? ? OR FIRMWARE OR BIOS
S2	772786	S1(5N)(VERSION? OR UPDAT??? OR UPGRAD??? OR PATCH???)
S3	769035	(GROUP???? OR COLLECT? OR COMPOSITE OR BUNDL??? OR ASSEMBL? OR GATHER?) (5N) (SOFTWARE OR PROGRAM? ? OR APPLICATION? ? OR FILE? ? OR CODE? ? OR OBJECT? ? OR UPDATE OR UPDATES OR PATCH?? ? OR UPGRADE OR UPGRADES OR EXTENSION? ? OR DLL OR DLLS)
S4	123760	(COMPRESS? OR ZIP? ? OR ZIPPED OR ZIPPING OR STUFF? OR WIN-ZIP? OR SQUEEZ? OR WRAP???? OR ARCHIV?) (5N) (SOFTWARE OR PROGRAMS OR APPLICATIONS OR FILES OR CODES OR OBJECTS OR UPDATES OR PATCHES OR UPGRADES OR CHANGES OR EXTENSIONS OR DLL? ?)
S5	1708920	SERVER? ?
S6	951929	IMAGE
S7	4316	S3(5N)S6
S8	116	S2(S)S7
S9	83	RD (unique items)
S10	78	S9 NOT PD>20010105
S11	89	S2(20N)S7
S12	63	RD (unique items)
S13	4522	S4(5N)IMAGE
S14	134	S2(S)S13
S15	89	RD (unique items)
S16	87	S15 NOT S12
S17	77	S16 NOT PD>20010105
S18	619208	(GROUP???? OR COLLECT? OR COMPOSITE OR ASSEMBL? OR GATHER?? ? OR FORM???) (5N) (FILE? ? OR PATCH?? OR COMPONENT? ? OR EXTENSION? ? OR DLL OR DLLS)
S19	1037	S18(S)IMAGE(S)S2
S20	7702	S18(5N)IMAGE
S21	331	S2(S)S20
S22	224	RD (unique items)
S23	193	S22 NOT (S12 OR S17 OR PD>20010105)
S24	69	S18(S)S4(S)IMAGE(S)S2

S25 48 RD (unique items)
 S26 37 S25 NOT (S12 OR S17)
 S27 40440 (GROUP???? OR COLLECT?) (5N) (FILES OR OBJECTS OR UPDATES OR
 PATCHES OR UPGRADES OR EXTENSIONS OR DLL OR DLLS)
 S28 119 S27(S)IMAGE(S)COMPRESS?
 S29 77 RD (unique items)
 S30 74 S29 NOT (S12 OR S17 OR S26)
 S31 2941 S2(S)S27
 S32 88 S2(S)S27(S)COMPRESS?
 S33 64 RD (unique items)
 S34 57 S33 NOT (S12 OR S17 OR S26 OR S30)
 S35 50 S34 NOT PD>20010105
 S36 25422 IMAGE() (FILE? ? OR ARCHIVE? ?) OR FILE? ?(N)ARCHIVE? ?
 S37 21 S27(S)S2(S)S36
 S38 105 S27(100N)S2(100N)S36
 S39 72 RD (unique items)
 S40 53 S39 NOT (S12 OR S17 OR S26 OR S30 OR S37)
 S41 167520 (UPDAT? OR PATCH???) (3N) (SOFTWARE OR PROGRAM? ? OR APPLICA-
 TION? ? OR FILE? ? OR DATABASE? ? OR DATA()BASE? ? OR CODE OR
 CODES OR OBJECT? ? OR OS OR OPERATING()SYSTEM? ? OR FIRMWARE -
 OR BIOS)
 S42 996 S27(S)S41
 S43 65822 (GROUP???? OR COLLECT?) (5N) (FILES OR OBJECTS OR PATCHES OR
 EXTENSIONS OR DLL OR DLLS OR COMPONENTS)
 S44 21 S41(S)S43(S) (COMPRESS? OR CIM)
 S45 74 S41(100N)S43(100N) (COMPRESS? OR CIM)
 S46 84 S44:S45
 S47 59 RD (unique items)
 S48 44 S47 NOT (PD>20010105 OR S12 OR S17 OR S26 OR S30 OR S37 OR
 S40)
 S49 54349 (GROUP???? OR COLLECT?) (5N) (FILES OR EXTENSIONS OR DLL OR -
 DLLS OR COMPONENTS)
 S50 246 S41(10N)S49
 S51 41 S50(S)S5

35/9/37 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09049409 SUPPLIER NUMBER: 18789651 (THIS IS THE FULL TEXT)
Happy 2000-or 1900!. Qwerty versus Dvorak. Stop a hard disk from churning.
(question-and-answer) (Question and Answer)
Spanbauer, Scott
PC World, v14, n11, p286(2)
Nov, 1996
ISSN: 0737-8939 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1539 LINE COUNT: 00117

TEXT:

I've heard that at the turn of the century, computers all over the world are going to get confused about whether it's the year 2000 or 1900 and go haywire. How do I protect myself from chronological chaos?

Vincent Caintic, Williamson, West Virginia

The problem is real for many companies that rely on custom-written databases. Most software developers didn't figure on their (mostly mainframe--and minicomputer-based) programs being around at the turn of the century, so they created date fields and variables with only two digits. Any company that relies on such a program risks organizational disaster if it fails to correct the problem before the millennium. Most of us can relax, however. If you use off-the-shelf software, including DOS and Windows, January 1, 2000 (a Saturday, thank goodness), will undoubtedly come and go just like any other day, as far as your PC is concerned.

If you don't believe me, leap forward into the aughts by entering the command date 01-01-2000 at the DOS prompt. (Entering just the last two digits of the year generates an 'Invalid date' error, as does entering a four-digit year number in the pre-Reagan years.)

Should You Trade In Your Qwerty Keyboard for a Dvorak?

I've heard that the Dvorak keyboard is more efficient and would like to try it out. Do I need to buy a new Dvorak-layout keyboard, or can I buy a keyboard that lets me switch between the Dvorak and standard Qwerty layouts? Or is there a software utility that will just remap the keys on my current keyboard?

Jon Rau, Vancouver, Washington

Keys on the first mass-produced typewriters, manufactured in the 1870s, were arranged in alphabetical order, and often jammed when early hunt-and-peck-ers struck adjacent letters sequentially. To reduce jamming, inventor Christopher Sholes came up with the "Qwerty" layout in which common letter pairs are spaced farther apart, but the new layout also made typing physically more difficult.

By the 1930s, typewriters had become less prone to jamming, so University of Washington professor August Dvorak developed a new keyboard design by placing the most commonly used letters on the home row (see FIGURE 1). But because of market factors any OS/2 user could explain, Sholes's inferior design has remained the standard.

Switching to the Dvorak keyboard layout could make you a faster, less frustrated typist, but consider these caveats: If, like me, you've spent years cranking up to a measly 35 words per minute as a touch typist, get ready to start all over again. You'll need a typing tutorial program that supports the Dvorak layout, such as Mindscape's wonderful Mavis Beacon Teaches Typing, and you'll need a few weeks when you can afford to be less productive at the keyboard.

And remember, it's still a Qwerty world out there. If you frequently work on other people's computers or typewriters as a temp or consultant, you'll have to remain nimble in Qwerty, so think twice about defecting to Dvorak.

Windows 3.1, 95, and NT let you change to the Dvorak layout in just a few clicks. In Windows 95 and NT 4.0, double-click the Keyboard icon in the Control Panel, select the Language tab, click the Properties button, choose United States-Dvorak from the 'Keyboard layout' drop-down list, then click OK twice. Windows will trouble you for its installation disk, but once you provide it, the new setting will take effect immediately without making you exit and restart Windows.

In Windows 3.1 and earlier versions of Windows NT, click the

International icon in the Control Panel, and pick US-Dvorak from the Keyboard Layout drop-down list. If you're using a DOS version later than 5.0, download the MS-DOS Supplemental Disk (dos62sp.exe) from Microsoft's FTP site (<ftp://ftp.microsoft.com/peropsys/msdos/public/supplmnt/>) or from CompuServe (go msl). You can also get the disk for \$10 by calling 800/426-9400. You'll find an OS/2 3.0 Dvorak keyboard conversion utility with instructions at IBM's FTP site (<ftp://ftp.software.ibm.com/ps/ews/dvorkb/>).

Once you've made the software switch, the computer's keys think they're on the Dvorak side of the looking glass, but the key-top labels are still arranged Qwerty-fashion. For about \$40, you could buy a second keyboard, pop out the keys (use a dull pencil), then put them back in Dvorak order. You can also purchase key-top labels that display just the Dvorak layout, or both layouts, from Hooleon or Keytime.

If you're rolling in dough, Northgate makes several more-expensive keyboards that switch between Qwerty and Dvorak modes. These keyboards relieve you of having to change the layout in software, as described above.

Since I have more than one computer, I decided to convert one to the Dvorak layout and train as often as possible with Mavis Beacon. By the end of my first hour, I'd achieved a humbling 10 wpm on my home row keys.

Mavis Beacon Teaches Typing \$40; Mindscape; 415/897-9900

Dvorak conversion labels \$21.95; Hooleon Corp.; 800/937-1337

Clear-sticker overlay \$12.50; Keytime; 206/522-8973

OmniKey Ultra-T and OmniKey Ultra-F keyboards \$129 each, OmniKey 101NI and OmniKey 102 keyboards \$89 each; Northgate; 800/548-1993

Stop Windows 95's Hard Disk Aerobics

Windows 95 seems to be giving my hard disk a hard time. Even when I have no applications open, the drive often spontaneously starts grinding away for about 20 seconds for no apparent reason. I have 16MB of RAM and a large swap file, and I defragment the drive every few days. Since I have so much RAM installed, I tried fixing the problem by disabling the swap file, but I just get 'out of memory' messages when I try to run more than a couple of small applications. Is something wrong with my Windows configuration?

Rick Channing, New London, Connecticut

No, but you've discovered that Windows 95's dynamic swap file is a restless beast. When there's no virtual memory swap file, Windows takes up as much as 12MB of RAM just for itself, which is why you run out of memory quickly when the swap file is disabled. Most of the grinding you're hearing is Windows reducing the size of the swap file during periods of low memory usage. With no applications running and 16MB of RAM, Windows waits for a moment of inactivity, then starts shrinking the swap file down to free disk space.

Unless disk space is tight, you can minimize this activity by increasing the minimum size of the swap file to about 20MB. To do so, double-click the System icon in the Control Panel, click the Performance tab in the System Properties dialog box, and click the Virtual Memory button. In the Virtual Memory dialog box, select Let me specify my own virtual memory settings, enter 20 in the Minimum field, then click OK, Yes, and Close (see FIGURE 2). When you restart Windows, your swap file will be much less agitated.

Where Do Bug Fixes Come From?

Through reading PC World's Bug Watch column (now called Bugs and Fixes), I've discovered that many of the programs I use have bugs and that there are "patches" I can download to fix those bugs. What are patches? How do I use one after I download it? And how do I avoid applying the patch incorrectly?

Mark Levin, Sapporo, Japan

Not to worry; if you've managed to successfully download the patch file, you've already cleared the biggest hurdle. Still, if you're a first-time bug fixer, let me give you a few pointers.

Patches come in two varieties. The first does its work as soon as you run it. BIOS upgrades typically fall into this category. Usually you can run this kind of patch from any directory on your hard disk, although in a very few cases you must copy the file to a floppy first. If so, you'll likely see instructions to that effect on the online service, BBS, or Web page from which you downloaded the patch.

The second type of patch comes as a collection of files

compressed into one or more archive files to speed and simplify downloading. Since decompressing one of these tends to dump a bunch of cryptically named files into whatever directory the archive file (usually a .zip or self-extracting .exe file) is in, I recommend always creating a new directory and moving the archive file there first before extraction. That way, you can delete the extracted **files** easily after the **patch** process is complete. Check the decompressed files for a readme.txt, readme.lst, or read.me file, which usually explains the steps you need to follow.

When you're finished, copy the original patch or archive file to a safe, easily accessible location, such as a well-labeled floppy disk, in case you have to reinstall the original application and need to reapply the patch.

COPYRIGHT 1996 PC World Communications Inc.

35/3,K/1 (Item 1 from file: 275)
 DIALOG(R)File 275:Gale Group Computer DB(TM)
 (c) 2003 The Gale Group. All rts. reserv.

02284627 SUPPLIER NUMBER: 54299104 (USE FORMAT 7 OR 9 FOR FULL TEXT)
KeyView Pro 6.5: The Key to Viewing Files. (Verity Inc) (Software Review) (Evaluation)
 Krasnoff, Barbara
 Computer Shopper, 19, 5, 371(1)
 May, 1999
 DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English
 RECORD TYPE: Fulltext
 WORD COUNT: 488 LINE COUNT: 00041

... opened a mislabeled Adobe Acrobat file.

Even if you already use a Zip file utility, you might want to switch over to KeyView. This new **version** lists the **files** contained within an archive, and lets you immediately view each file's contents in the bottom half of the window when you highlight the filename. You can also **compress** a **group** of **files** by simply right-clicking on them from Windows Explorer.

There are, of course, limitations. KeyView Pro couldn't open a WordStar for Windows file; it...

35/3,K/2 (Item 2 from file: 275)
 DIALOG(R)File 275:Gale Group Computer DB(TM)
 (c) 2003 The Gale Group. All rts. reserv.

02091621 SUPPLIER NUMBER: 19682594 (USE FORMAT 7 OR 9 FOR FULL TEXT)
BackWeb's special delivery. (BackWeb Technologies' BackWeb 2.0 client and BackWeb Authoring Language Interface Editor channel building software) (includes glossary of terms and related articles on finding more information and collaborative filtering) (Software Review) (Evaluation)
 Grunin, Lori
 Windows Sources, v4, n9, p64(3)
 Sep, 1997
 DOCUMENT TYPE: Evaluation ISSN: 1065-9641 LANGUAGE: English
 RECORD TYPE: Fulltext; Abstract
 WORD COUNT: 1433 LINE COUNT: 00124

... can resume interrupted downloads. And like Incisa, Version 2.0 now supports InfoPak versioning, which lets you exploit differential downloads quicker. BackWeb's take on **versioning** makes selecting a **group** of **files** and delivering them straight to the user easier than the other products. (Though not implemented in our beta, BackWeb has announced CDF support, see Glossary...

35/3,K/3 (Item 3 from file: 275)
 DIALOG(R)File 275:Gale Group Computer DB(TM)
 (c) 2003 The Gale Group. All rts. reserv.

02028572 SUPPLIER NUMBER: 19065364 (USE FORMAT 7 OR 9 FOR FULL TEXT)
INTERNET SOFTWARE UPDATE 01/23/97: SnapCap Remote Camera Control.
 Newsbytes, pNEW01230021
 Jan 23, 1997
 LANGUAGE: English RECORD TYPE: Fulltext
 WORD COUNT: 93 LINE COUNT: 00011

TEXT:

...designed to make operating remote cameras on the Web affordable and easy. The system automates the capture of full-color images from video sources before **compressing** and saving them to 24-bit Joint Photographic Experts **Group** (JPEG) **files**. It then transfers the images it captures using FTP to remote systems for display on Web servers. SnapCAP interfaces with Play's Snappy and Connectix's QuickCAM. **Version : 3.0 Operating System : Windows 95, Windows NT 4.0 Software Type: Commercial (\$79) World**

35/3,K/4 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02018652 SUPPLIER NUMBER: 18957706 (USE FORMAT 7 OR 9 FOR FULL TEXT)
IFRA, part II: European newspaper systems, image input and archiving.
(includes related articles on 4-Sight's ADS System 5.0, international
news available on PressPoint's network, and newspapers on the Internet)
(Industry Trend or Event)
Tribute, Andrew; Joner, Urban; Rossello, Rosanne; Edwards, Stephen E.
Seybold Report on Publishing Systems, v26, n6, p3(27)
Nov 30, 1996
ISSN: 0736-7260 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 20741 LINE COUNT: 01601

... scanning, but it can be upgraded for scanning black-and-white
prints and RGB prints and slides. New EskoScan software. Eskofot also
introduced new scanning **software** for its scanners, **version 6.6**. It
supports DCS Level 2 for sets of one to 16 colors, automatic alignment of
the first color separation, vertical and horizontal alignment of monochrome
originals, an NT **version** of the EskoDDS descreening **software** for
dual-Pentium platforms, an interface to the EskoAd ad database, interfaces
to Purup and Eskofot imagers, a Wydnet interface and a Photoshop plug-in
capability for decompression of CCITT **Group 4 compressed files**.

Expograph offers new photo system

Besides its editorial and advertising products (see above), Expograph
featured a new photo storage and access system called the FRS...

35/3,K/5 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01959827 SUPPLIER NUMBER: 18506162 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Friendly takeovers. (overview of evaluations of seven remote-control
software packages) (individual evaluation records searchable under
"Friendly Takeovers") (includes related articles on the editors' choice,
remote-control software highlights, the suitability-to-task boxes,
remote-node products, and the benchmark testing process) (Software
Review) (Evaluation)
Boyle, Padraic
PC Magazine, v15, n14, p219(9)
August, 1996
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4913 LINE COUNT: 00388

... platform connectivity with each product's Windows for Workgroups
product and any other operating systems supported.

For our File Transfer test, we transfer a highly **compressible** file
(7.7:1 ratio) and a noncompressible file (1:1 ratio) from the host to the
client PC. We then divide each file-transfer timing by the file size to
calculate throughput. For our Delta File test we use a 193K **group** of
files on the host PC, which we then modify to 128K for the client. We time
each product as it calculates the changes and **updates** the **files** from
host to client.

The Remote Control test simulates a typical remote-control session
using Microsoft Test's automated scripting tool. The test script calls...

35/3,K/6 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01912101 SUPPLIER NUMBER: 18075052 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Software distribution. (Product Information)

Network VAR, v3, n10, p51(2)

Oct, 1995

ISSN: 1082-8818

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1365

LINE COUNT: 00118

... 429-5533 or 800-NETWARE.

McAfee

SiteExpress is an enterprise software distribution package for NetWare 3.x and 4.x servers and DOS, Windows, and OS /2 workstations. **Version 3.0** adds support for Windows 95, TCP/IP, NDS, and SNMP trapping--all built upon McAfee's BrightWorks asset management suite. A new "Wizard...

...a package of scripts, files, and recipients. SiteExpress automatically discovers software distribution routes between servers; routes can then be defined to target servers, users, or **groups** using NetWare 3.x bindery **objects** or NDS. Packages are automatically **compressed** before being distributed. Remote SiteExpress servers can be configured to receive packages from the originating server for local distribution. Workstation distributions can be scheduled to...

35/3,K/7 (Item 7 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01820861 SUPPLIER NUMBER: 17155493 (USE FORMAT 7 OR 9 FOR FULL TEXT)

WinZip 5.6. (Nico Mak Computing's disk/file compression software) (one of 18 evaluations of varied products in "Computer Shopper Direct Hits The Editors' Top 20") (Software Review) (Brief Article) (Evaluation)

Krasnoff, Barbara

Computer Shopper, v15, n9, p186(1)

Sep, 1995

DOCUMENT TYPE: Brief Article Evaluation

ISSN: 0886-0556

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 219

LINE COUNT: 00021

... choose which files you want to decompress and where you want to put them--and voil, it's done. You can also just view a **compressed** file, or even create a temporary Program Manager **group** to run the **files** once.

The latest **version**, 5.6, adds itself to your File Manager menu, letting you compress or archive any files you want simply by highlighting their names. It also...

35/3,K/8 (Item 8 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01767470 SUPPLIER NUMBER: 15973257 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Software utilities. (Buyers Guide)

Microsoft Systems Journal, v10, n1, pS62(5)

Jan, 1995

DOCUMENT TYPE: Buyers Guide

ISSN: 0889-9932

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4534

LINE COUNT: 00388

... coprocessor. \$35.

Quick Release, version 3.0 Helpful Programs Inc. (205) 880-8782 (800) 448-4154

Non-scripted installation system for Microsoft Windows program manager **groups**, multiple icons, WIN.INI, BUFFERS, **FILES**, SHARE.EXE, more. Changeable colors, automatic **version** checking, reads VB make **files** package VBXs and DLLs. Integral **compression** and master diskette builder. "Self-extracting" option. \$99.

R&R Report Writer, SQL Edition for Windows, version 6 Concentric Data Systems (508) 366-1122 (800...

35/3,K/9 (Item 9 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01712049 SUPPLIER NUMBER: 16215647 (USE FORMAT 7 OR 9 FOR FULL TEXT)
FutureTel authoring package provides improved MPEG tools; software lets users view, edit, archive video clips. (PrimeView II multimedia authoring system) (Brief Article) (Product Announcement)
Schroeder, Erica
PC Week, v11, n44, p41(1)
Nov 7, 1994
DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 280 LINE COUNT: 00023

... capabilities as the previous version, but uses only one add-in board instead of two, and offers support for video and audio input in three versions to produce high-quality files using the Motion Picture Experts Group digital-compression standard.

FutureTel also announced MPEGworks, an MPEG encoding application that runs under Windows and allows users to control recording audio and digital files.

PrimeView II...

35/3,K/10 (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01683378 SUPPLIER NUMBER: 15384026 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ImageFast. (ImageFast Software Systems Inc.) (Software Review) (The Changing Office) (one of six evaluations of departmental image management packages in 'Departmental Image Management: Paper Shredders') (Evaluation)
Grunin, Lori
PC Magazine, v13, n11, p312(2)
June 14, 1994
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 675 LINE COUNT: 00055

...ABSTRACT: to view and edit files, an architecture that lets it handle any file type. The advantage of this design is that users cannot be a version behind in the file viewer; the disadvantage is that files cannot be compressed except to Group 4 TIFF. Two separate indexes are maintained for keyword and full-text searches; the former is based on the Raima database engine, while the latter...

... architecture lets ImageFast handle any file type. And unlike most of the other products, which rely on Mastersoft filters and viewers, you're never a version behind in your file viewer. However, it also means that ImageFast can't compress the files (except to Group 4 TIFF), and the package requires the use of a fairly homogeneous set of applications across the workgroup. Plus, security is limited to password protection...

35/3,K/11 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01682541 SUPPLIER NUMBER: 15380952 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ProFiles. (Dayna Communications Inc's ProFiles 1.0.2 file management software) (Software Review) (Quick Clicks) (Evaluation) (Brief Article)
LeVitus, Bob
MacUser, v10, n7, p71(1)
July, 1994
DOCUMENT TYPE: Brief Article ISSN: 0884-0997 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT

WORD COUNT: 481 LINE COUNT: 00038

... less than optimal mechanism for your regular file-management tasks, Dayna Communications has a program for you. ProFiles makes tasks such as finding, copying, synchronizing, **compressing**, and expanding files faster and easier than in the Finder, particularly if you tend to work with large **groups of files**.

And the native PowerPC **version** of ProFiles, expected to be shipping by the time you read this, should make things faster still for those who have PowerPC-based Macintoshes.

Finer...

35/3,K/12 (Item 12 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01674618 SUPPLIER NUMBER: 15061327 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Emerging dynabase tools. (includes a related article on computer industry news items) (Personal Computing) (Column)
Press, Larry
Communications of the ACM, v37, n3, p11(6)
March, 1994
DOCUMENT TYPE: Column ISSN: 0001-0782 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4553 LINE COUNT: 00366

... fast with each program, and are not shown.

Views has a file portability advantage because it combines the data and index in a single, compressed **file**. However, **updates** are slower, and the identity of individual messages is lost--they are seen as part of one large document. Since Zyindex and Notes maintain the identity of separate messages, they are better suited to ad-hoc document **collections** with frequent **updates**, while Views is suited to electronic publishing where the author has time to manually polish and add structure to the database.

Regardless of efficiency and...

35/3,K/13 (Item 13 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01672522 SUPPLIER NUMBER: 15073845 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PC Tools still does Windows well; but its incremental improvements won't sway all users to upgrade to version 2.0. (Central Software Inc.'s PC Tools for Windows 2.0 desktop manager and utilities software package, Microsoft Windows graphical user interface) (Software Review) (Evaluation)
Safi, Quabidur R.
PC Week, v11, n11, p83(2)
March 21, 1994
DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 900 LINE COUNT: 00072

...ABSTRACT: for many of PC Tools' features, and will turn to other packages in the market for simplicity. PC Tools includes an auto-synchronize function that **updates Windows program groups** when changes are made to the file system, a function not included in the Windows Program Manager. It also has better network administration features than...

35/3,K/14 (Item 14 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01670372 SUPPLIER NUMBER: 15040497 (USE FORMAT 7 OR 9 FOR FULL TEXT)

A method to multimedia madness. (Lenel Systems International releases
MpcOrganizer for Windows 3.0 text processing software) (New & Improved)
(Brief Article) (Product Announcement)

Yegyzarian, Anush

PC Magazine, v13, n6, p62(1)

March 29, 1994

DOCUMENT TYPE: Product Announcement

ISSN: 0888-8507

LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 148 LINE COUNT: 00012

TEXT:

Lenel Systems International has **upgraded** MpcOrganizer, its multimedia **database** organizer for Windows. **Version 3.0** lets you view **files** from CD-ROMs or hard disks and over networks. It has a thumbnail viewing feature and handles numerous graphics and sound file formats including .AVI, .FLI, PhotoCD, and .WAV. It can also store a **group** of multimedia **objects** together and save storage space by using JPEG **compression** on graphics files (you control the **compression** /quality ratio). It can search for and retrieve objects based on filename, theme, or keyword, so you're not limited to DOS filenames in your...

35/3,K/15 (Item 15 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01624686 SUPPLIER NUMBER: 14624679 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The Software Factory upgrades EZ-INSTALL. (the Software Factory Inc.'s
EZ-INSTALL Installation Aid version 5.0 installation toolkit for DOS,
Windows, and OS/2) (Brief Article) (Product Announcement)

C Users Journal, v11, n11, p127(1)

Nov, 1993

DOCUMENT TYPE: Product Announcement

ISSN: 0898-9788

LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 192 LINE COUNT: 00016

... file and directory checkout, creation, and movement; and error handling during installation. Within the DOS version, EZ-INSTALL features include; automated modification of Windows .INI **files**, and **group** and icon **updating**. DOS and Windows **applications** can be installed with the same version of EZ-INSTALL.

EZ-INSTALL version 5.0 pricing starts at \$249 depending on platform. The price includes...

35/3,K/16 (Item 16 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01605215 SUPPLIER NUMBER: 14012779 (USE FORMAT 7 OR 9 FOR FULL TEXT)

HiJaak Pro 2.0. (Software Review) (Inset Systems Inc. utility program) (Lab
Notes) (Evaluation)

Sullivan, Eamonn

PC Week, v10, n26, p76(1)

July 5, 1993

DOCUMENT TYPE: Evaluation

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 516 LINE COUNT: 00041

...ABSTRACT: now uses a file filter format compatible with PageMaker. Any application that supports Aldus' import filter format can import any of the dozens of graphics **file** formats HiJaak supports; the new **version** adds support for the Windows clipboard, Windows icons, Eastman Kodak Co's Photo CD and Joint Photographic Experts **Group** (JPEG) **compressed files**. Tests show that the integration with other Windows applications is strong, but HiJaak works with PageMaker better than with Microsoft Word for Windows. Word pops...

35/3,K/17 (Item 17 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01595570 SUPPLIER NUMBER: 13728473 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Ray Dream sharpens up JAG utility. (Ray Dream Inc. introduces JAG II
anti-aliasing software) (Brief Article) (Product Announcement)
McManus, Neil
MacWEEK, v7, n15, p22(1)
April 12, 1993
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 245 LINE COUNT: 00017

... color graphics by boosting their resolution. Image resolution will
be limited only by memory, the company said.

In addition to bit-mapped PICT and PICS files, the new version will
support QuickTime movies, TIFF files and JPEG (Joint Photographic Experts
Group) - compressed PICT images. It will also import Photo CD images and
export Encapsulated PostScript files.

Rendering time of 3-D images will be reduced by up...

35/3,K/18 (Item 18 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01594506 SUPPLIER NUMBER: 13714123 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Softool CCC/Manager. (Softool Corp.'s program development software)
(Software Review) (one of seven evaluations of project management
software packages in 'Dr. Stranger release; or How I Learned to Stop
Worrying and Love Version Control Systems') (Evaluation)
Trupin, Joshua
Microsoft Systems Journal, v8, n5, p59(2)
May, 1993
DOCUMENT TYPE: Evaluation ISSN: 0889-9932 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1109 LINE COUNT: 00083

... there are several thoughtful features in CCC/Manager (see Figure
27). Where most VCSs make you indicate whether a file is text or binary
(for compression, differencing, and space-to-tab conversion purposes),
CCC/Manager lets you set up a default list of binary extensions. The
checkin and checkout screens give...

...cluttered, control over options and filenames, allowing you to enter
comments, run reports, and display verbose information after processing
(see Figure 28). Not only do files get assigned version numbers, but
they also carry change names. Change names are useful for retrieving
information about file groups. If you make a bunch of changes while
maintaining a file, you can name the changes MAINTENANCE, then check out
only files in the MAINTENANCE change group.

You can use CCC/Manager on a file-by-file basis, but you can also
group files or change names in a promotion group (called...

35/3,K/19 (Item 19 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01587143 SUPPLIER NUMBER: 13414546 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PKZIP now faster, more efficient. (version 2.04 of PKWARE Inc.'s data
compression program) (includes a related article on the performance tests)
(Software Review) (First Looks: Data Compression) (Evaluation)
Simon, Barry
PC Magazine, v12, n5, p40(1)
March 16, 1993

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 877 LINE COUNT: 00064

... all cases, no matter how it was optimized, PKZIP 2.04 was faster at compressing files than PKZIP 1.1, stumbling only on the graphics files. The new version also shows improved overall compression, coming in with percentages that keep it competitive with the ever-improving ARJ and LHA. (For each group of files, the compressed file size is expressed here as a percentage of the uncompressed file size. A 1,000K file compressed to 40 percent would be a 400K compressed file. Smaller percentages mean better compression.) [TABULAR DATA OMITTED]

FIRST LOOKS PLUS

PKZIP 2.04 is available as shareware on ZiffNet. Type GO:ZNT:EXEC from any CompuServe prompt. From March...

35/3,K/20 (Item 20 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01580971 SUPPLIER NUMBER: 13341856 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PKZIP 2.0's speed, compression get high marks. (PKWare Inc.'s PKZIP 2.0 compression utility) (Software Review) (First Looks) (includes related summary article) (Evaluation)

Seltzer, Larry J.

PC Week, v10, n2, p73(1)

Jan 18, 1993

DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 756 LINE COUNT: 00059

PC Week Labs used the various command-line utilities in the PKZIP package to compress, uncompress and otherwise manage groups of files. As with version 1.1, we used the PKZIP program to add data to a collective file with the extension ZIP and the PKUNZIP program to extract files...

35/3,K/21 (Item 21 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01580043 SUPPLIER NUMBER: 13085095 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Dynamic link library for text windows. (CUG New Releases) (Column)

Graham, Steven

C Users Journal, v11, n1, p121(2)

Jan, 1993

DOCUMENT TYPE: Column ISSN: 0898-9788 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1244 LINE COUNT: 00102

... NEWMAT may be the matrix tool you need.

Archiving and Compression Program

The final CUG volume for this month (CUG 379, one disk) is ZOO (version 2.1), a file archiving and compression program (standard extension .zoo), written by Rahul Dhesi, with assistance from J. Brian Walters, Paul Homchick, Bill Davidsen, Mark Alexander, Haruhiko Okumura, ...Barnes, Raymond D. Gardner, Greg Yachuk, and Andre Van Dalen. This volume includes C source, executable, and documentation. Zoo is used to create and maintain collections of files in compressed form. It uses the Lempel-Ziv compression algorithm which yields space savings from 20% to 80% depending on the file data. Zoo can manage multiple generations of the same file and has...

35/3,K/22 (Item 22 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01535913 SUPPLIER NUMBER: 12658407 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Essential tools: the best utilities. (Software Review) (Overview of evaluations of 26 utility programs) (Evaluation)

Dreyfuss, Joel; Howard, Bill; Derfler, Frank J., Jr.; Barr, Christopher; Flynn, Kathleen; Seymour, Jim; Brown, Bruce; Mendelson, Edward; Ricciardi, Sal; Salemi, Joe; Simon, Barry; Stone, M. David; Ayre, Rich; Robinson, Earle

PC Magazine, v11, n17, p291(15)

Oct 13, 1992

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1242 LINE COUNT: 00094

...ABSTRACT: operating system that simple operations, such as copying a file, backing up data, reading the contents of a file, and finding a specific file or **group of files**, are more difficult than they need to be. The utilities evaluated are intended to make use of DOS easier, and many of the functions they provide have been incorporated into the **operating system** in later **versions**. Several of the packages began as shareware programs but later crossed into the commercial market, although most such programs have not met with much success...

...s PC Tools, offer a range of utilities for diverse operations. The categories into which the utilities are placed are command-line enhancers, file managers, **compressors**, memory managers, graphics programs, and lifesavers.

35/3,K/23 (Item 23 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01519560 SUPPLIER NUMBER: 12358029 (USE FORMAT 7 OR 9 FOR FULL TEXT)

List: shareware file viewer goes commercial. (Buerg Software List Enhanced 1.84 operating system enhancement) (Software Review) (First Looks) (Evaluation)

Pompili, Tony

PC Magazine, v11, n13, p56(1)

July, 1992

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 398 LINE COUNT: 00029

ABSTRACT: Buerg Software's \$99 List Enhanced 1.84 **operating system** enhancement is a commercial **version** of a popular shareware package. The program can open text files written in a wide range of formats and display them on-screen. Text navigating...

...seven- and eight-bit file formats. Files up to 32Mbytes can be accessed. List Enhanced also provides a file tagging feature that allows a whole **group** of user-specified **files** to be modified. Additionally, the package can **compress** and extract ARC, LHARCC and PKZIP format files, as well as read **compressed** files without extracting. While List Enhanced does not support file editing, it does allow easy access to any text editor. A \$49 upgrade from the...

35/3,K/24 (Item 24 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01510429 SUPPLIER NUMBER: 12043902 (USE FORMAT 7 OR 9 FOR FULL TEXT)

EZ-Install 4.0. (The Software Factory Inc.'s program development software) (New Products) (brief article) (Product Announcement)

Software Magazine, v12, n5, p96(1)

April, 1992

DOCUMENT TYPE: Product Announcement ISSN: 0897-8085 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 103 LINE COUNT: 00008

Version 4.0 has the ability to automate the modification and **updating** of Windows initialization (.INI) **files** . Other features include: **group** file installation with automated menus; dynamic alteration of startup batch **files** ; **updated** Ezarc **compression** utility; enhanced disk-building option; unlimited creation of subdirectories; and automatic network detection.

Pricing for the EZ-Install toolkit is \$249, with an OS/2...

35/3,K/25 (Item 25 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01493395 SUPPLIER NUMBER: 11650472 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Fastback Plus faster, more versatile. (Fifth Generation Systems Inc.'s
Fastback Plus 3.0 backup software) (New!, brief article) (Product
Announcement)
Brenesal, Barry
PC-Computing, v5, n1, p74(1)
Jan, 1992
DOCUMENT TYPE: Product Announcement ISSN: 0899-1847 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 164 LINE COUNT: 00013

... features, its macro language, is further enhanced. A new, easy-to-use built-in scheduler fully automates unattended backups.

Fastback Plus 3.0 also improves **compression** techniques, reducing the number of required backup disks. Other significant new features are dBASE-compatible history **files** , which locate the most recent **version** of a given **file** or **group** of **files** , and Extended Copy Operation, which uses a "best fit" algorithm to avoid file splits across several backup disks.

Fifth Generation Systems (800-873-4384) claims...

35/3,K/26 (Item 26 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01464977 SUPPLIER NUMBER: 11651550 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Helix Software Co. Inc. Netroom 2.10. (Software Review) (one of six
evaluations of operating system enhancements in 'Six tools meet memory
demands') (Evaluation)
Bailes, Lenny
PC Week, v8, n51, p62(2)
Dec 23, 1991
DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 912 LINE COUNT: 00075

...ABSTRACT: its BIOS-dependent compression feature. When Netroom is used on the IBM PS/2 70, BIOS is not mapped to the HMA, but the next **version** of the **program** will solve that problem. It cannot successfully load exploding device drivers, which lessens the amount of conventional memory it produces. The NethMA feature lets Novell...

...as much as 576Kbytes of memory into an EMS virtual machine and switches them back when they are accessed. The Customize program parses nested batch **files** as **group** units as long as upper memory accommodates the commands. EMS becomes disabled when upper memory is needed but does not let the user know. The...

35/3,K/27 (Item 27 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

·(c) 2003 The Gale Group. All rts. reserv.

01460242 SUPPLIER NUMBER: 11476616 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Space savers: data compression utilities. (Software Review) (overview of
seven evaluations of data compression utility programs) (Evaluation)**
Vaughan-Nichols, Steven J.
Computer Shopper, v11, n11, p482(4)
Nov, 1991
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 742 LINE COUNT: 00058

...ABSTRACT: amount of downtime spent on backing up a disk or transmitting information by modem or over a network. General purpose data compression software allows a **group of files** to be reduced to just one file which contains smaller **versions** of the original files. This allows files that are used infrequently to be saved on a disk without using up much space. Graphics files often give data **compression** programs some trouble because special **compression** programs and hardware are often required for pictorial information. Otherwise, most data **compression** programs are quite safe and include checks to ensure that not one piece of data is lost. ... to specific tools for different kinds of files.

GENERAL-PURPOSE
PROGRAMS

Users with a variety of files cluttering their hard disks will find general-purpose **compression** utilities to be just the ticket. This type of software lets you select a **group of files** and crush them down into a single file. The new file, or archive, contains the reduced **versions** of the original files. You can view these files in their condensed form, but you must expand them before using them again.

This approach has several advantages. It keeps...

35/3,K/28 (Item 28 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01439169 SUPPLIER NUMBER: 10855052 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**DiskDoubler gets faster, savvier. (Salient Software Inc.'s DiskDoubler 3.7
file management software) (product announcement)**
Norr, Henry
MacWEEK, v5, n23, p5(1)
June 18, 1991
DOCUMENT TYPE: product announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 341 LINE COUNT: 00028

... 50 percent faster with Sigma Designs Inc.'s DoubleUp compression card. A new configuration option provides an additional speed increase when the program is processing **groups** of small files.

>Self-expanding archives. **Version 3.7** lets users create compressed files that others can open with a double click, even if they have no Salient software.

Other new features...

35/3,K/29 (Item 29 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01424292 SUPPLIER NUMBER: 10506924 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Now Utilities upgrader fixes bugs. (Now Utilities 2.0) (product
announcement)**
Norr, Henry
MacWEEK, v5, n7, p14(1)
Feb 19, 1991
DOCUMENT TYPE: product announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 234 LINE COUNT: 00018

... Users switching applications under MultiFinder via MultiMaster's menu now can have the program automatically "set aside," or remove from sight, the windows of one **application** when changing to another.

The **updater** is available from many user groups, from Now's technical-support department or from on-line services. The patcher comes in the form of a 225-Kbyte self-extracting **compressed file**; users who want to **update** only parts of the **collection** can download smaller **files**.

Now Software Inc. is at 520 S.W. Harrison St., Suite 435, Portland, Ore. 97201. Phone (503) 274-2800 or (800) 237-3611; fax (503...

35/3,K/30 (Item 30 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01357957 SUPPLIER NUMBER: 08388908 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Squeezing more out of your old system. (retooling instead of buying a new computer) (One of eight articles on hardware selection)
Davis, Roy
Data Based Advisor, v8, n5, p98(5)
May, 1990
ISSN: 0740-5200 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2818 LINE COUNT: 00196

ABSTRACT: Selecting new hardware is the most expensive way to improve performance of existing microcomputer systems. **Upgrading software**, utilizing RAM and cache memory, running optimization programs, and installing expanded memory boards-cards are ways to improve the speed and efficiency of older XT-level systems. **Software** should not be **upgraded** with every minor revision, however major revisions may mean not only new features but also better performance. Optimization of the hard drive, also known as **compression** and packing, **collects** fragmented data **files** into contiguous sectors which speeds up disk access. Using the VDISK facility in MS-DOS through the DEVICE command in a CONFIG.SYS file will...

35/3,K/31 (Item 31 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01357296 SUPPLIER NUMBER: 08429910 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Magellan 2.0 offers new types of viewers, file compression, and improved built-in macro language. (Software Review) (Lotus Development Corp. Magellan 2.0 disk navigation utility) (evaluation)
Simon, Barry
PC Magazine, v9, n10, p43(1)
May 29, 1990
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1010 LINE COUNT: 00075

... excellence award from PC Magazine. But Version 2.0 of Lotus Development Corp.'s Magellan--a file and data organizer that excels at searching for **files** containing a given word or **group** of words--is a significant **upgrade**. The \$139 **program** (\$39 for **Version 1.0** users) offers several important enhancements, including almost transparent **compression** of data files, an improved macro language, and wonderful new viewers.

The basic look of Magellan has not changed. Once you've initiated a search...

35/3,K/32 (Item 32 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01246467 SUPPLIER NUMBER: 06958933 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software: Sqz! Plus. (Sqz successor compresses and backs up files, records macros, recovers damaged worksheets) (evaluation)
Carlton, Tom
Lotus, v4, n9, p106(2)
Sept, 1988
DOCUMENT TYPE: evaluation ISSN: 8756-7334 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1487 LINE COUNT: 00109

... was modified, and customize the initial settings of Sqz! Plus.
The original Sqz! program contained the Sqz! Batch utility, which let you compress or decompress **groups** of worksheet files. An **updated version** of Sqz! Batch is included in Sqz! Plus and makes those jobs much easier.
The Recover option lets you recover compressed worksheets that have been...

35/3,K/33 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

04144049 Supplier Number: 54373750 (USE FORMAT 7 FOR FULLTEXT)
PACIFIC GOLD COAST RELEASES LATEST VERSION OF TURBOSFX. (TurboSFX 3.0) (Brief Article) (Product Announcement)
Telecomworldwire, pNA
April 14, 1999
Language: English Record Type: Fulltext
Article Type: Brief Article Product Announcement
Document Type: Newsletter; Trade
Word Count: 112

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Gold Coast Corp has released TurboSFX v.3.0, the latest version of its suite of wizards and tools for creating self-extracting ECEcutable (SFX) files. With the new product, **groups** of programs and data can easily be **compressed** for distribution on diskettes or online and then be installed at the receiving end without additional **software**. The new **version** features an integrated wizard for creating SFX, CABinet files with extractor and HTML-based Internet Component Download packaging, an ability to create silent packages that...

35/3,K/34 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

08221492 Supplier Number: 68924412 (USE FORMAT 7 FOR FULLTEXT)
The Latest in Removable Storage. (Company Business and Marketing)
Sheerin, Peter K.
Cadence, v15, n12, p24
Dec, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 4858

... the industry deciding to standardize on one interchangeable super floppy, despite the many benefits this would bring.
Testing
To test these drives I assembled a **collection** of files totaling 680MB--a 529MB email archive of mine, 106MB directory full of production files from the January 2000 issue of CADENCE, a 32MB QuickTime movie file and a 13MB Microsoft ASF **version** of the same movie. Our test system is a dual Pentium III-450MHz running Windows 2000. I copied each of these items one-at-a...

...In addition to timing the transfer time, I also devised a stress-test: I started playing the two video files (same clip, different formats and **compression** levels) at the same time, and then started copying a large file from the drive. With all of the drives, the Microsoft ASF video played ...

35/3,K/35 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

07774936 Supplier Number: 65014165 (USE FORMAT 7 FOR FULLTEXT)
The Staggering Variety Of Prepress Workflows Overwhelms Providers.
Smith, Mark
Printing News, v145, n7, p1
August 14, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2018

... remote proofing and online preflighting have become the common next phase of feature expansion.

In the case of the latter, both of the leading preflight **software** developers have introduced Internet-based **versions** of their products. Markzware's MarkzNet and Preflight Online from the Extensis Products Group of Creativepro.com are being marketed directly to printers, as well as incorporated into e-commerce services. MarkzNet goes beyond preflighting to check, **collect**, and **compress** files for transfer, capture job ticket information, and transmit PDF as well as native digital documents over Internet to a print provider using standard FTP (file...

35/3,K/36 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09646995 SUPPLIER NUMBER: 17974815 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The software to get on the Internet - I. (part 1)
Silbert, Marvin D.
Canadian Chemical News, v48, n1, p7(3)
Jan, 1996
ISSN: 0823-5228 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2311 LINE COUNT: 00166

... 0: Nico Mak Computing Inc., P.O. Box 919, Bristol, CT 06011, USA.
RELATED ARTICLE: Improved ZIPing

The July/August 1995 Chemputing looked at file **compression** using PKZIP/PKUNZIP. Two readers, Doug Jardine, MCIC, and Mike MacDonald, ACIC, e-mailed some comments. They noted that I had not mentioned that when you **compressed** very large files or **groups** of files that PKZIP was capable of spreading the final ZIPed version over two or more disks if it wouldn't fit on a single disk. They...

...Upon installation WinZip becomes an additional item in the menu for File Manager and it takes a click here or there to get a file **compressed** or decompressed. WinZip is totally menu driven and makes for simplicity as you no longer need to remember the **codes** to **compress**, **update** or whatever. WinZip does require that you have PKZIP present. It can also work with other **compression** packages such as LHARC. One particularly useful feature is the ability to use Notepad or other editors to rear **compressed** .TXT or .DOC files before UNZIPing. WinZip is available by FTP from SimTel. The present file is WINZIP56.ZIP. This one is cleverly designed to...

35/3,K/37 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09049409 SUPPLIER NUMBER: 18789651 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Happy 2000-or 1900!. Qwerty versus Dvorak. Stop a hard disk from churning.
(question-and-answer) (Question and Answer)
Spanbauer, Scott
PC World, v14, n11, p286(2)
Nov, 1996
ISSN: 0737-8939 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1539 LINE COUNT: 00117

... ll likely see instructions to that effect on the online service, BBS, or Web page from which you downloaded the patch.

The second type of **patch** comes as a **collection** of **files** **compressed** into one or more archive files to speed and simplify downloading. Since decompressing one of these tends to dump a bunch of cryptically named files...

...is in, I recommend always creating a new directory and moving the archive file there first before extraction. That way, you can delete the extracted **files** easily after the **patch** process is complete. Check the decompressed files for a readme.txt, readme.lst, or read.me file, which usually explains the steps you need to...

35/3,K/38 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07219716 SUPPLIER NUMBER: 14976950 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Making repairs on the earth and above the earth. (NASA Spacelink and HouseNet computer bulletin boards)
Balas, Janet L.
Computers in Libraries, v14, n3, p 26(2)
March, 1994
ISSN: 1041-7915 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1255 LINE COUNT: 00100

... and government agencies. To read this information online, select the News Release option on the main menu.

HouseNet also has an extensive file area. The **files** are **grouped** into twenty-six areas, not all of which are specifically related to home improvement; some are the more usual computer topics such as word processing...

...your own. A quick way to get a list of files on the system is to download ALLFILES.ZIP from the HouseNet Info area. This **compressed** list of **files** is **updated** weekly.

The HouseNet BBS contains a

35/3,K/39 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06408886 SUPPLIER NUMBER: 13446017 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Microsoft announces video for Windows.
Computers in Libraries, v13, n1, p5(1)
Jan, 1993
ISSN: 1041-7915 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4740 LINE COUNT: 00393

... feature that scans hard drives, including compressed and archived files, for over 1,500 known viruses, and removes them; Fastback Express Windows, an entry-level **version** enabling users to drag a **file** or **group** of **files** from File Manager onto the Fastback icon to automatically backup that **group** of **files**; and an ASCII File Viewer that permits users to open and view the content of text files without exiting to DOS.

Direct Access Desktop runs...

35/3,K/40 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00941740 95-91132
eDisk 2.0
Steinberg, Gene
Macworld v11n12 PP: 65-67 Dec 1994
ISSN: 0741-8647 JRNL CODE: MAW
WORD COUNT: 666

ABSTRACT: Alysis Software Corp.'s eDisk 2.0, a file - compression utility, is reviewed. Version 2.0 is a tremendous improvement over the original release. It supports a number of hard disk formatters and offers a handful of configuration options. Rather than compressing files individually or in groups, it compresses an entire drive.

35/3,K/41 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

01025643 CMP ACCESSION NUMBER: WIN19940301S5422
CLIENT/SERVER SOFTWARE Accounting System Gains Work-Flow Links...
Compiled by Ellen L. Dendy
WINDOWS MAGAZINE, 1994, n 503, 059
PUBLICATION DATE: 940301
JOURNAL CODE: WIN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: New Products
WORD COUNT: 7132

... self-extracting compressed files from commercial file compression software, or compresses single or multiple files; compressed files can span multiple diskettes. A status bar is updated as files are decompressed and/or copied.

It includes an unlimited license for distributing Installation programs royalty free.

PC-Install 1.0
Price: \$179.95
Contact 20...

35/3,K/42 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

00541686 CMP ACCESSION NUMBER: WIN19931201S0032
500 Tips - Windows & DOS
WINDOWS MAGAZINE, 1993, n 412, 303
PUBLICATION DATE: 931201
JOURNAL CODE: WIN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Features
WORD COUNT: 10030

... operating system kernels. They can more or less double your disk's capacity, with little perceptible loss of performance. If you don't want to upgrade your entire operating system just to get disk compression, consider a standalone compression utility, such as Stacker from Stac Electronics. If you want more control over the compression process, try a utility like PKzip from PKWare, which lets you pack and unpack individual files or groups of files.

Make Connections

Bring a few key adapters so you can cope with variations in hardware connectors. A 9-pin to 25-pin serial adapter (you...

35/3,K/43 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2003 IDG Communications. All rts. reserv.

078959

Fast relief for slow Web sites

Tool kit for improving Web site performance includes packet shapers, caching appliances and load balancers.

Byline: CHARLES BRUNO, GREG KILMARTIN AND KEVIN TOLLY

Journal: Network World Page Number: 59

Publication Date: November 01, 1999

Word Count: 3546 Line Count: 328

Text:

... and Backward Explicit Congestion Notifications, functionality that is otherwise invisible to a PacketShaper that sits inside of the Web site's router. Moreover, if data **compression** is important to you, then WiseWan 200 is a likely choice because it makes more sense to perform **compression** on a serial WAN link than inside a campus network. By contrast, a product such as PacketShaper that sits inside the router and ships traffic...

... that traffic is destined for the wide area or if it will remain local. Therefore, it cannot make an effective decision about whether to use **compression**. But we do recommend that you use a product like PacketShaper when you need to apportion bandwidth to various outgoing traffic types because it can...

... followed by an HTTP "Get" request. HTTP 1.1 improves upon this serial retrieval of Web objects by adopting a form of pipelining that retrieves **objects** in **groups**. However, HTTP 1.0 is still prevalent among Web sites. In our evaluation of caching appliances, we were impressed with CacheFlow's attempt to bring... examine cached content for freshness. CacheFlow uses a technique called Adaptive Refresh. The algorithm selectively refreshes Web objects based on their need to be refreshed. **Object** **updates** occur at a frequency dictated by the caching engine's capability to formulate a "model of use" and a "model of change" for any given...

35/3,K/44 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0833138

SE007

SOFTWARE VENDORS SUPPORT VISUAL FOXPRO 3.0 ISVS SUPPORT POWERFUL DATABASE DEVELOPMENT TOOL

DATE: June 20, 1995 06:03 EDT WORD COUNT: 1,035

...Cascade Interactive Designs, Inc. extends the Visual FoxPro Integrated Development Environment (IDE) with CAPCON(TM) 3.0 Pioneer, which adds multi-user source code management, **application** configuration control and integration to **version** control archives. It is an immediate solution for developers beginning the migration of critical enterprise applications to Visual FoxPro.

LEAD Technologies extends Visual FoxPro 3...

...FoxPro Link Library (FLL) tool to integrate black/white, grayscale, and color images into an application. LeadTools for FoxPro features more than 100 properties which **compress**, read, write, convert, display, scroll, zoom, dither, and more. MH Software, Inc. extends Visual FoxPro 3.0 by promoting maximum memory efficiency with GPLIB, a...

...and client/server applications.

Rettig Micro Corporation extends Visual FoxPro 3.0 with its Tom Rettig's Office(R) (TRO) and Tom Rettig's Utility **Extensions** (TRUE). TRO features a **collection** of frameworks to handle generic details of Visual FoxPro-based applications. TRUE is a collection of class libraries, including the Extended Database Container, which enhances...

35/3,K/45 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00447353 20001026SFTH002A (USE FORMAT 7 FOR FULLTEXT)

Aladdin Systems Delivers Returnreceipt Breakthrough in Launch of Stuffit Deluxe 6.0 for The Macintosh

PR Newswire

Thursday, October 26, 2000 11:59 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,030

...More Info" on files, "Copy or Move" files to any location with a single command, "Make Aliases" of files in any location, or "Gather" a **group** of selected **files** into one folder

- DropConverter **updates** old StuffIt archives to the latest format
- Creates multiple format options, including popular Windows formats, such as .uu and .zip files with Archive Via Rename(TM), exclusive to StuffIt Deluxe. By simply adding or removing the UUencode (.uu) or Zip (.zip) suffix, those files will encode, **compress** or expand
- Symantec DiskDoubler(R) (.dd) translation now supported by the StuffIt Engine(TM)
- Create and expand Bzip (.bzip) files (common to the Unix platform

...

35/3,K/46 (Item 2 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00326944 20000504SFTH032 (USE FORMAT 7 FOR FULLTEXT)

Aladdin Systems Ships Stuffit 5.5 in Spanish - A Major Update to Its Popular Stuffit Compression Macintosh Product Line - Stuffit Deluxe, Dropstuff, And Stuffit Expander Now Available Windows Files on the Macintosh

PR Newswire

Thursday, May 4, 2000 10:00 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 937

...StuffIt Expander gives free universal access to any StuffIt file and other popular Internet formats."

New StuffIt Deluxe 5.5 Spanish Benefits and Features:

- Faster **compression** and expansion (an average speed improvement of 20%)
- Mac OS(R) 9 compatibility
- Make self-extracting archives for Windows (.exe) from your Mac
- Archive CM(TM) provides easier access to the contents of a StuffIt archive via the Macintosh Contextual Menu, allowing more ways to

retrieve specific items within a **compressed** archive

-- Create StuffIt or Zip files to send to Windows users -- now there's

a choice if users want to create a Zip archive or use the superior StuffIt **compression**

-- Magic Tools(TM) -- Four new tools were added to Magic Menu(TM): "Get More Info" on files, "Copy or Move" files to any location with a

single command, "Make Aliases" of files in any location, or "Gather" a

group of selected **files** into one folder

-- DropConverter **updates** old StuffIt archives to the 5.x format

-- Now create .uu and .zip files (popular Windows formats) with Archive Via Rename(TM), exclusive to StuffIt Deluxe. By simply adding or removing the UUencode (.uu) or Zip (.zip) suffix, those files will encode, **compress** or expand

-- Symantec DiskDoubler (R) (.dd) translation now supported by the StuffIt engine(TM)

-- Create and expand Bzip (.bzip) files (common to the Unix platform... ..allows users to permanently and completely remove sensitive information by securely deleting it from their disk(s)

-- StuffIt Icons were updated with a new look- **version 5.5 files**

are accessible by any **version** of StuffIt Expander 5.X

-- Aladdin DropStuff 5.5 **compresses** faster, includes Bzip and DiskDoubler expansion support with the StuffIt Engine, and is Mac OS 9 compatible

"Eventually everyone online comes across a compressed or...

35/3,K/47 (Item 3 from file: 613)
 DIALOG(R)File 613:PR Newswire
 (c) 2003 PR Newswire Association Inc. All rts. reserv.

00308610 20000410SFM032 (USE FORMAT 7 FOR FULLTEXT)
Aladdin Systems Ships French Version of Stuffit Deluxe 5.5 - A Major Update to Its Popular Macintosh Compression Product Line Files on the Mac, and More
 PR Newswire
 Monday, April 10, 2000 08:50 EDT
 JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
 DOCUMENT TYPE: NEWSWIRE
 WORD COUNT: 856

...Plus StuffIt Expander gives free universal access to any StuffIt file and other popular Internet formats."

New StuffIt Deluxe 5.5 Benefits and Features:

-- Faster **compression** and expansion (an average speed improvement of 20%)

-- Mac OS(R) 9 compatibility

-- Make self-extracting archives for Windows (.exe) from your Mac

-- Archive CM(TM) provides easier access to the contents of a StuffIt archive via the Macintosh Contextual Menu, allowing more ways to retrieve specific items within a **compressed** archive

-- Create StuffIt or Zip files to send to Windows users -- now there's

a choice if users want to create a Zip archive or use the superior StuffIt **compression**

-- Magic Tools(TM) - Four new tools were added to Magic Menu(TM): "Get More Info" on files, "Copy or Move" files to any location with a

single command, "Make Aliases" of files in any location, or "Gather" a

group of selected files into one folder

- DropConverter updates old StuffIt archives to the 5.x format
- Now create .uu and .zip files (popular Windows formats) with Archive Via Rename(TM), exclusive to StuffIt Deluxe. By simply adding or removing the UUencode (.uu) or Zip (.zip) suffix, those files will encode, compress or expand
- Symantec DiskDoubler(R) (.dd) translation now supported by the StuffIt engine(TM)
- Create and expand Bzip (.bzip) files (common to the Unix platform... allows users to permanently and completely remove sensitive information by securely deleting it from their disk(s)
- StuffIt Icons were updated with a new look -- version 5.5 files are accessible by any version of StuffIt Expander 5.X
- Aladdin DropStuff 5.5 compresses faster, includes Bzip and DiskDoubler expansion support with the StuffIt Engine, and is Mac OS 9 compatible.

"Eventually everyone online comes across a compressed or...

35/3,K/48 (Item 4 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00294697 20000320SFM008 (USE FORMAT 7 FOR FULLTEXT)

Aladdin Systems Ships German Version of Stuffit Deluxe 5.5 - A Major Update to Its Popular Macintosh Compression Product Line Files on the Macintosh
PR Newswire

Monday, March 20, 2000 09:00 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 930

...Plus StuffIt Expander gives free universal access to any StuffIt file and other popular Internet formats."

New StuffIt Deluxe 5.5 Benefits and Features:

- Faster compression and expansion (an average speed improvement of 20%)
- Mac OS(R) 9 compatibility
- Make self-extracting archives for Windows (.exe) from your Mac
- Archive CM(TM) provides easier access to the contents of a StuffIt archive via the Macintosh Contextual Menu, allowing more ways to retrieve specific items within a compressed archive
- Create StuffIt or Zip files to send to Windows users -- now there's a choice if users want to create a Zip archive or use the superior StuffIt compression
- Magic Tools(TM) -- Four new tools were added to Magic Menu(TM): "Get More Info" on files, "Copy or Move" files to any location with a single command, "Make Aliases" of files in any location, or "Gather" a group of selected files into one folder
- DropConverter updates old StuffIt archives to the 5.x format
- Now create .uu and .zip files (popular Windows formats) with Archive Via Rename(TM), exclusive to StuffIt Deluxe. By simply adding or removing the UUencode (.uu) or Zip (.zip) suffix, those files will encode, compress or expand
- Symantec DiskDoubler(R) (.dd) translation now supported by the StuffIt engine(TM)
- Create and expand Bzip (.bzip) files (common to the Unix platform...

...allows users to permanently and completely remove sensitive information by securely deleting it from their disk(s)
-- StuffIt Icons were updated with a new look- **version 5.5 files**
are
accessible by any **version** of StuffIt Expander 5.X
-- Aladdin DropStuff 5.5 **compresses** faster, includes Bzip and DiskDoubler
expansion support with the StuffIt Engine, and is Mac OS 9 compatible

"Eventually everyone online comes across a compressed or...

35/3,K/49 (Item 5 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00216385 19991116SFTU037 (USE FORMAT 7 FOR FULLTEXT)
Aladdin Systems Ships StuffIt 5.5 - a Major Update to Its Popular StuffIt Compression Macintosh Product Line - StuffIt Deluxe, DropStuff, and StuffIt Expander Now Available
PR Newswire
Tuesday, November 16, 1999 09:01 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,024

...Plus StuffIt Expander gives free universal access to any StuffIt file and other popular Internet formats."

New StuffIt Deluxe 5.5 Benefits and Features:

-- Faster **compression** and expansion (an average speed improvement of 20%)
-- Mac OS(R) 9 compatibility
-- Make self-extracting archives for Windows (.exe) from your Mac
-- Archive CM(TM) provides easier access to the contents of a StuffIt archive via the Macintosh Contextual Menu, allowing more ways to retrieve specific items within a **compressed** archive
-- Create StuffIt or Zip files to send to Windows users -- now there's a choice if users want to create a Zip archive or use the superior StuffIt **compression**
-- Magic Tools(TM) -- Four new tools were added to Magic Menu(TM):
"Get More Info" on files, "Copy or Move" files to any location with a single command, "Make Aliases" of files in any location, or "Gather" a **group** of selected **files** into one folder
-- DropConverter **updates** old StuffIt archives to the 5.x format
-- Now create .uu and .zip files (popular Windows formats) with Archive Via Rename(TM), exclusive to StuffIt Deluxe. By simply adding or removing the UUencode (.uu) or Zip (.zip) suffix, those files will encode, **compress** or expand
-- Symantec DiskDoubler(R) (.dd) translation now supported by the StuffIt engine(TM)
-- Create and expand Bzip (.bzip) files (common to the Unix platform...

...allows users to permanently and completely remove sensitive information by securely deleting it from their disk(s)
-- StuffIt Icons were updated with a new look -- **version 5.5 files**
are
accessible by any **version** of StuffIt Expander 5.X
-- Aladdin DropStuff 5.5 **compresses** faster, includes Bzip and DiskDoubler
expansion support with the StuffIt Engine, and is Mac OS 9

compatible

"Eventually everyone online comes across a compressed or...

35/3,K/50 (Item 6 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00216365 19991116SFTU044 (USE FORMAT 7 FOR FULLTEXT)

Aladdin Ships New Mac OS 9 Compatible Versions of StuffIt Deluxe - StuffIt Deluxe 5.1.5 Update and StuffIt Deluxe 5.5 Upgrade Now Available

PR Newswire

Tuesday, November 16, 1999 08:55 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 892

...More Info" on files, "Copy or Move" files to any location with a single command, "Make Aliases" of files in any location, or "Gather" a

group

of selected files into one folder

-- DropConverter **updates** old StuffIt archives to the 5.x format

-- Now create .uu and .zip files (popular Windows formats) with Archive Via Rename(TM), exclusive to StuffIt Deluxe. By simply adding or removing the UUencode (.uu) or Zip (.zip) suffix, those files will encode, **compress** or expand

-- Symantec DiskDoubler (R) (.dd) translation now supported by the StuffIt

Engine(TM)

-- Create and expand Bzip (.bzip) files (common to the Unix platform...

...allows users to permanently and completely remove

sensitive information by securely deleting it from their disk(s)

-- StuffIt Icons were updated with a new look- **version 5.5 files** are

accessible by any **version** of StuffIt Expander 5.X

-- Aladdin DropStuff 5.5 **compresses** faster, includes Bzip and DiskDoubler

expansion support with the StuffIt Engine, and is Mac OS 9 compatible

48/9/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02116635 SUPPLIER NUMBER: 19958044 (THIS IS THE FULL TEXT)
netDeploy 3.0 packs lots of ESD power. (Open Software Associates'
electronic software distribution tool) (Product Announcement) (Brief
Article)

Kerstetter, Jim
PC Week, v14, n46, p33(1)
Nov 3, 1997

DOCUMENT TYPE: Product Announcement Brief Article ISSN: 0740-1604
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 358 LINE COUNT: 00033

TEXT:

Open Software Associates Inc., another small company trying to break open the ESD market, is adding new capabilities to its "smart pull" technology.

The Nashua, N.H., company this month will release netDeploy 3.0, the latest version of its suite of electronic software distribution applications. With this release, Open Software Associates has reduced the memory footprint needed for its application Launcher, improved administrative controls, simplified the Packer application used to prepare applications for distribution, and added a try-and-buy capability through integration with ESD applications from Release Software Corp., of Menlo Park, Calif.

The netDeploy Packer is a development tool for publishing a downloadable catalog of an application's components. The component files can be **compressed** or uncompressed and then stored on a Web server.

In order to deploy the application, a company just needs to drop a link into a Web page that points to the catalog.

In Version 3.0, new capabilities include digital signature authentication for complete applications, rather than just individual components, and open APIs for integration with third-party development tools.

The netDeploy Launcher is a desktop tool for transferring files and validating applications from the catalog. It also decompresses files and launches the application.

The Launcher is the "smart pull" technology in the suite. It maintains a cache of downloaded **applications**, checks for **updates** against the catalog and downloads only **files** that have been **updated** since the last time an application was used.

The Version 3.0 Launcher has a new "staging area" for **collecting** all the **components** required for an application before it is installed, avoiding the risk of an update being cut short if a network fails.

The try-and-buy technology was added to netDeploy through integration with Release Software's SalesAgent, which was released this summer. SalesAgent allows software publishers to create time-based or feature-based trials of applications. It allows them, via an online transaction clearinghouse, to complete the sale over the Internet.

netDeploy 3.0 pricing will range from \$295 to \$15,000. Open Software Associates can be reached at (603) 886-4330 or www.osa.com.

COPYRIGHT 1997 Ziff-Davis Publishing Company

48/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02116635 SUPPLIER NUMBER: 19958044 (USE FORMAT 7 OR 9 FOR FULL TEXT)
netDeploy 3.0 packs lots of ESD power. (Open Software Associates'
electronic software distribution tool) (Product Announcement) (Brief
Article)

Kerstetter, Jim
PC Week, v14, n46, p33(1)
Nov 3, 1997

DOCUMENT TYPE: Product Announcement Brief Article ISSN: 0740-1604
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 358 LINE COUNT: 00033

... Menlo Park, Calif.

The netDeploy Packer is a development tool for publishing a downloadable catalog of an application's components. The component files can be **compressed** or uncompressed and then stored on a Web server.

In order to deploy the application, a company just needs to drop a link into a...

...catalog. It also decompresses files and launches the application.

The Launcher is the "smart pull" technology in the suite. It maintains a cache of downloaded **applications**, checks for **updates** against the catalog and downloads only **files** that have been **updated** since the last time an application was used.

The Version 3.0 Launcher has a new "staging area" for **collecting** all the **components** required for an application before it is installed, avoiding the risk of an update being cut short if a network fails.

The try-and-buy...

48/3,K/2 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01984122 SUPPLIER NUMBER: 18639311 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Top of the charts. (top five software downloads, top five graphics &
multimedia downloads) (News Briefs) (Brief Article)

MacUser, v12, n11, p44(1)
Nov, 1996

DOCUMENT TYPE: Brief Article ISSN: 0884-0997 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 92 LINE COUNT: 00011

... 2.5: The latest version of Apple's multimedia extension

2. TechTool 1.1.1: Zaps your PRAM

3. StuffIt Expander 4.0.1: Extracts **compressed** and encoded **files**

4. The DiskTools **Collection** 3.3.1: Five useful DAS

Graphics and Multimedia Downloads

1. 3D Folder Icons 1.1: 14 cool icons

2. GraphicConverter 2.4.4: Rosetta stone of graphics file formats

3. Hisham Icons 1.2: **Updates** to Mac **application** icons

4. Terrainman 2.0.1: 3-D terrain editor

5. GIFBuilder 0.4: Create Web animations

Ranking based on download counts from MacUser's...

48/3,K/3 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01959827 SUPPLIER NUMBER: 18506162 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Friendly takeovers. (overview of evaluations of seven remote-control
software packages) (individual evaluation records searchable under
"Friendly Takeovers") (includes related articles on the editors' choice,
remote-control software highlights, the suitability-to-task boxes,

remote-node products, and the benchmark testing process) (Software Review) (Evaluation)

Boyle, Padraic

PC Magazine, v15, n14, p219(9)

August, 1996

DOCUMENT TYPE: Evaluation ISSN: 0888-8507

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4913 LINE COUNT: 00388

... platform connectivity with each product's Windows for Workgroups product and any other operating systems supported.

For our File Transfer test, we transfer a highly compressible file (7.7:1 ratio) and a noncompressible file (1:1 ratio) from the host to the client PC. We then divide each file-transfer timing by the file size to calculate throughput. For our Delta File test we use a 193K group of files on the host PC, which we then modify to 128K for the client. We time each product as it calculates the changes and updates the files from host to client.

The Remote Control test simulates a typical remote-control session using Microsoft Test's automated scripting tool. The test script calls...

48/3,K/4 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01889578 SUPPLIER NUMBER: 17983956 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Uninstallers. (Optimize Windows 95) (Software Review) (Evaluation)

Moran, Joseph

Windows Sources, v4, n2, p180(2)

Feb, 1996

DOCUMENT TYPE: Evaluation ISSN: 1065-9641

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 852 LINE COUNT: 00077

... uninstall it--most of the time.

When it works right, Microsoft's utility systematically removes a selected application's program files, supporting system files (associated DLLs), Registry entries, icons, and program groups.

Occasionally, an attempt to uninstall an application mysteriously results in a fatal error. More often, Add/Remove Programs fails to remove all of an application...

...or duplicate files, orphaned entries in the WIN.INI file, and temporary or zero-byte files. Most uninstaller packages also let you perform tasks like compressing and archiving infrequently used programs and moving applications between drives (while updating configuration information). Some even replicate software from one machine to another without having to reinstall programs from original distribution disks.

Right now, your choices are...

48/3,K/5 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01688545 SUPPLIER NUMBER: 15356060 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Tools and utilities. (1994 Database Buyer's Guide and Client/Server

Sourcebook) (Buyers Guide)

DBMS, v7, n6, p63(29)

June 15, 1994

DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 46074 LINE COUNT: 03903

... when compiled. \$299.

RTPatch 2.01 Pocket Soft Inc., Houston TX 713-460-5600; 800-826-8086
Simplifies the process and reduces the cost of updating distributed

software . System administrators or developers send a small **patch** file that automatically incorporates program changes in existing systems at the user's site, reducing either disk use or modem transmission time. Determines the differences between the old version and the new version of a software product and creates a small **patch** file containing just these differences. Can compare two **files** , two **groups** of **files** , two directories, or two **groups** of directories. With the **patch** file and the royalty-free **program** (**patch.exe**), users **update** their systems with a single command. Works with any type of file under DOS, Windows, or OS/2, including .exe, .dbfs, .txts, .docs, .objs, .bmps...

...teams and independent developers. Developers can create distribution diskettes providing a user-friendly, menu-driven interface for end users. Any type of file can be **compressed** and stored on diskette for distribution. Files can span multiple disks, and multivolume releases can consist of up to 255 disks. Developers can also include...

...and changes to Config.sys and Autoexec.bat files. \$199.

Wrap Knowledge Garden Inc., Setauket, NY 516-246-5400

Gives Windows developers real-time file **compression** and decompression from KPWIn, Visual Basic, Visual C++, or any other Windows development tool that supports DLLs. Includes a visual front end written in Knowledge...

48/3,K/6 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01675317 SUPPLIER NUMBER: 15081913 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Sayonara, y'all: XBase programming with CodeBase++. (final column) (Set Expert On) (Column) (Tutorial)
Olympia, P.L.
DBMS, v7, n4, p93(3)
April, 1994
DOCUMENT TYPE: Tutorial ISSN: 1041-5173 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1756 LINE COUNT: 00150

... I could just as easily have compiled them with Microsoft Visual C++. The programs compile to a size of about 160KB each, but with .exe **compressors** like Lzexe you can get the .exe file size down to about 77KB. The programs can also be compiled for Windows.

The Dbdir Program

When developing Xbase applications, you are often confronted with a **collection** of .dbf **files** that don't mean anything to you at that moment. During such amnesia attacks, the Xbase DIR command comes to your rescue. The command lists al. dbf files on the default directory along with information such as the number of records in each **file** , data of last **update** , and **file** size. Clearly, it would be so much easier and faster if you didn't have to fire up your favorite Xbase dialect just to get...

48/3,K/7 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01674618 SUPPLIER NUMBER: 15061327 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Emerging dynabase tools. (includes a related article on computer industry news items) (Personal Computing) (Column)
Press, Larry
Communications of the ACM, v37, n3, p11(6)
March, 1994
DOCUMENT TYPE: Column ISSN: 0001-0782 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4553 LINE COUNT: 00366

... each of these programs, Views inverts the data to be filed,

creating an index with each term in the text. The index and text are **compressed** into a single file which may be used by anyone with Folio's searching and viewing software. The author can add structural elements like hyperlinks...

...contents, pointers to graphics, and a graphic title page, and users can attach searchable, sharable notes.

File indexing software only builds an index to the **files** in your document **collection**. The input **files** remain where they were originally stored, and the index points to them. I experimented with the Zyindex indexing package.

The groupware program I tested was...

...very fast with each program, and are not shown.

Views has a file portability advantage because it combines the data and index in a single, **compressed** file. However, **updates** are slower, and the identity of individual messages is lost--they are seen as part of one large document. Since Zyindex and Notes maintain the...

48/3,K/8 (Item 8 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01627187 SUPPLIER NUMBER: 14758773 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Nomadic's SmartSync is easy to set up, but could be smarter. (Nomadic

Systems Inc.'s file-synchronization software) (Software Review) (PC Weeks

LABS: First Looks) (Evaluation)

Kramer, Matt

PC Week, v10, n46, p73(3)

Nov 22, 1993

DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1243 LINE COUNT: 00103

... the Master Shared Directory on our test desktop. Users on our test network stored the files in shared directories on their own machines. To synchronize **files** within the **group**, we highlighted the appropriate icon and double-clicked to launch the operation. SmartSync also let us schedule synchronizations to be performed at a later time.

SmartSync, like LapLink V, uses proprietary file **compression** to speed up file transfers between two computers. LapLink performed better than SmartSync when doing bulk synchronization of entire directories. We synchronized more than 6...

...in our personal information manager in 7 minutes with LapLink V.

Performing the same operation with SmartSync took 10 minutes.

However, SmartSync was faster when **updating** **files**. For example, when we added a few lines to a word-processing file, SmartSync transferred just the changes. For most applications, this method is a...

48/3,K/9 (Item 9 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01624686 SUPPLIER NUMBER: 14624679 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The Software Factory upgrades EZ-INSTALL. (the Software Factory Inc.'s

EZ-INSTALL Installation Aid version 5.0 installation toolkit for DOS,

Windows, and OS/2) (Brief Article) (Product Announcement)

C Users Journal, v11, n11, p127(1)

Nov, 1993

DOCUMENT TYPE: Product Announcement ISSN: 0898-9788 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 192 LINE COUNT: 00016

New features of EZ-INSTALL version 5.0 include: automated distribution disk setup and disk building; file collection, **compression** and splitting; system configuration checkout and revision; file and directory checkout,

creation, and movement; and error handling during installation. Within the DOS version, EZ-INSTALL features include; automated modification of Windows .INI files , and group and icon updating . DOS and Windows applications can be installed with the same version of EZ-INSTALL.

EZ-INSTALL version 5.0 pricing starts at \$249 depending on platform. The price includes...

48/3,K/10 (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01613921 SUPPLIER NUMBER: 13901763 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tools and utilities. (software packages that help database developers prototype and design applications, query, and create help systems, among other uses) (1993 Database Buyer's Guide Special Issue) (Buyers Guide)
DBMS, v6, n7, p63(33)
June 15, 1993
DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 45702 LINE COUNT: 03876

... when compiled. \$299.

.RTPatch 1.12 Pocket Soft Inc., Houston, TX 713-460-5600,
800-826-8086

Simplifies the process and reduces the costs of updating distributed software . With .RTPatch, system administrators or developers send a small patch file that automatically incorporates program changes in existing systems at the user's site, reducing either disk use or modem transmission time. Determines the differences between the old version and the new version of a software product and creates a small patch file containing just these differences. .RTPatch can compare two files , two groups of files , two directories, or two groups of directories. With the patch file and the royalty-free program patch .exe, users update their systems with a signal command. .RTPatch works with any type of file under DOS, Windows, or OS/2, including .exe, .DBFs, .TXTs, .DOCs, .OBJs...

...teams and independent developers. Developers can create distribution diskettes providing a user-friendly, menu-driven interface for end users. Any type of file can be compressed and stored on diskette for distribution. Files can span multiple disks, and multivolume releases can consist of up to 255 disks. Developers can also include...

48/3,K/11 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01580971 SUPPLIER NUMBER: 13341856 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PKZIP 2.0's speed, compression get high marks. (PKWare Inc.'s PKZIP 2.0 compression utility) (Software Review) (First Looks) (includes related summary article) (Evaluation)
Seltzer, Larry J.
PC Week, v10, n2, p73(1)
Jan 18, 1993
DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 756 LINE COUNT: 00059

PC Week Labs used the various command-line utilities in the PKZIP package to compress , uncompress and otherwise manage groups of files . As with version 1.1, we used the PKZIP program to add data to a collective file with the extension ZIP and the PKUNZIP program...

...We were generally pleased with the long-awaited improvements in version 2.0, released earlier this month, but there is still one problem: The enhanced compression in the new PKZIP creates ZIP files that are

incompatible with earlier "unZippers" from PKWare and other vendors. However, several new capabilities in this version...
...backup purposes and, where no network links exist, for transferring data from one system to another.

PKWare claims that PKZIP recognizes when it is **updating files** on a Novell Inc. NetWare server and uses server-based file I/O to perform the operations. However, in testing, performance advantages for version 2...

48/3,K/12 (Item 12 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01510429 SUPPLIER NUMBER: 12043902 (USE FORMAT 7 OR 9 FOR FULL TEXT)
EZ-Install 4.0. (The Software Factory Inc.'s program development software)
(New Products) (brief article) (Product Announcement)
Software Magazine, v12, n5, p96(1)
April, 1992
DOCUMENT TYPE: Product Announcement ISSN: 0897-8085 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 103 LINE COUNT: 00008

Version 4.0 has the ability to automate the modification and updating of Windows initialization (.INI) files. Other features include: **group** file installation with automated menus; dynamic alteration of startup batch files; **updated** Ezarc **compression** utility; enhanced disk-building option; unlimited creation of subdirectories; and automatic network detection.

Pricing for the EZ-Install toolkit is \$249, with an OS/2...

48/3,K/13 (Item 13 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01509016 SUPPLIER NUMBER: 12039926 (USE FORMAT 7 OR 9 FOR FULL TEXT)
.RTPatch. (Software Review) (Pocket Soft Inc. software reduces cost of
distributing software upgrades by sending only the changes; includes
related article detailing enhancements in version 1.1) (Evaluation)
Briand, Marc
Windows-DOS Developer's Journal, v3, n4, p63(5)
April, 1992
DOCUMENT TYPE: Evaluation ISSN: 1059-2407 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2844 LINE COUNT: 00210

... your system had the same contents, but different names, **PATCH** renames the old file on the user's system to the new filename.

PATCHBLD also **compresses** the data as it builds the patch file, further reducing its size compared to the software you are updating.

These four operations may be a...

...colors), your old version may not match the user's old version exactly. If you are lucky, the mismatch will be confined to a single **file**. **PATCH** will not attempt to modify a file on the user's system that does not match the old file from your system. In this case...

...own, even if the user made changes. You can replace the user's file by issuing an ADD command to **PATCHBLD**. The ADD command tells **PATCHBLD** that a **file** or group of files is to be unconditionally added to the user's system. If **PATCH** finds a **file** on the user's system with the same name as a file to be added, it replaces the user's file with the **file** you asked **PATCHBLD** to add.

PATCHBLD gives you a lot of options when you build a **patch file**. Some of the most important are:

RETAINBYTES, **READYBYTES**, **IGNOREBYTES** - These options enable you to place or retain a unique serial number within the user's...

...and new versions of each file.

IMPORT - If you have several software products that use many of the same files, you can build a partial **patch** for just those **files**. Then, when you build the patch for any one product, you can IMPORT the partial **patch** for the common **files**. This can save a lot of time during **PATCHBLD**, especially if your **software** comprises a large number of files.

IGNORE - This option takes filenames as arguments; it causes the specified files to be ignored on the user's...

48/3,K/14 (Item 14 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01502479 SUPPLIER NUMBER: 12013821 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Utilities: decompress your .ZIP file downloads with PCUNZIP.COM. (includes related articles about PC Magazine utilities updates, downloading utilities and PCUNZIP command) (Column)
Mefford, Michael J.
PC Magazine, v11, n6, p361(6)
March 31, 1992
DOCUMENT TYPE: Column ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2899 LINE COUNT: 00212

... the listing is in the familiar DOS DIR format.

The /E (extract) option lets you extract and decompress either a single named file or a **group** of **files** formed by using a DOS wildcard. Thus, you would enter

PCUNZIP DR /E DR.COM

PCUNZIP DR /E DR.COM to extract DR.COM and leave DR.ASM **compressed** in DR.ZIP. Note that both the /V and the /E switches also support the use of the * and ? wildcards.

If a file to be...

...asks whether you want to overwrite it. Answer (Y)es to overwrite or (N)o to skip that filename and go on to the next **compressed** file. If you are sure you want freshly decompressed versions of any same-named files in the subdirectory, you can eliminate the warning prompt by...

...that utility if you think you may need them. PCUNZIP uses the same basic decompression algorithm, however, and will work on the same unencrypted .ZIP **files**. When PKZIP is **updated** to include a new **compression** algorithm, a corresponding new version of PCUNZIP will be made available for download before any PC MagNet files make use of the new PKZIP version
...

48/3,K/15 (Item 15 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01464220 SUPPLIER NUMBER: 11636412 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Light Source to unwrap Ofoto. (includes related article on QuickTime's implementation of the JPEG standard) (Joint Photographic Experts Group) (Product Announcement)
Rothenberg, Matthew
MacWEEK, v5, n43, p1(2)
Dec 17, 1991
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 590 LINE COUNT: 00049

... Light Source Inc. announces a retail version of Ofoto, a program that automatically optimizes gray-scale scans.

Both the retail version of Ofoto and an **update** to the original **software** bundled with the Apple OneScanner (see MacWEEK, Oct. 1) will feature image **compression** via Apple's QuickTime, according to sources. Light Source is expected to announce the retail version at Macworld Expo in San Francisco, sources said.

Like...

...such vendors as Microtek Lab Inc. and Hewlett-Packard Co.

On Macintoshes running QuickTime, the Save dialog box in the new versions will include a **compression** option that implements QuickTime's PICT **compressor**. The **compressor** uses a form of JPEG (Joint Photographic Experts Group) technology to save the files at **compression** ratios of up to 25. Light Source also has improved the software's autoscanning technology, according to sources.

The retail version of Ofoto is expected to...

48/3,K/16 (Item 16 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01424292 SUPPLIER NUMBER: 10506924 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Now Utilities upgrader fixes bugs. (Now Utilities 2.0) (product announcement)
Norr, Henry
MacWEEK, v5, n7, p14(1)
Feb 19, 1991
DOCUMENT TYPE: product announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 234 LINE COUNT: 00018

Portland, Ore. -- An **updater** program posted on major on-line services last week fixes virtually all known bugs in Version 2.0 of the Now Utilities, Now Software Inc.'s...

...user groups, from Now's technical-support department or from on-line services. The patcher comes in the form of a 225-Kbyte self-extracting **compressed** file; users who want to update only parts of the **collection** can download smaller files.

Now Software Inc. is at 520 S.W. Harrison St., Suite 435, Portland, Ore. 97201. Phone (503) 274-2800 or (800) 237-3611; fax (503)...

48/3,K/17 (Item 17 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01319626 SUPPLIER NUMBER: 07581262 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Protecting CAD/CAM data. (includes related articles on user errors and on the importance of disks)
Bloom, Burton H.; Gedaminski, John; Stelliou, Nicholas
Computer-Aided Engineering, v8, n8, p40(3)
August, 1989
ISSN: 0733-3536 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1657 LINE COUNT: 00132

... the unit is a field, record, row, or table. On the other hand, for CAD/CAM data management the unit is an entire file or **group** of files --for example, a drawing, a **collection** of files defining the geometry of a part, or a text file of engineering analysis data. The data for a single part or drawing typically ranges from...

...large as 60 gigabytes.

Databases this large are a substantial corporate asset representing years of work. In addition, they are fundamental to computer-integrated manufacturing (**CIM**), which provides for the automatic exchange of information among product design, manufacturing engineering, factory, and business planning organizations. **CIM** also provides for the communication of information such as design data, tolerance requirements, and engineering releases between principal manufacturers and their suppliers.

Changes to the Database

Data, in any type of system, tends to be **updated**. Database management systems (DBMS) for non-CAD/CAM data, however, do not ordinarily

maintain previous states of the data they manage. CAD/CAM data management systems...

48/3,K/18 (Item 18 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01246467 SUPPLIER NUMBER: 06958933 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software: Sqz! Plus. (Sqz successor compresses and backs up files, records macros, recovers damaged worksheets) (evaluation)
Carlton, Tom
Lotus, v4, n9, p106(2)
Sept, 1988
DOCUMENT TYPE: evaluation ISSN: 8756-7334 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1487 LINE COUNT: 00109

... compression. On the other hand, if your computer has a fast hard disk, it can be significantly faster to save an uncompressed file than to **compress** and save the file. You'll use more space on your hard disk that way, but if you save and retrieve files often, you'll...

...a worksheet that primarily contains text (labels). By way of comparison, The Worksheet Utilities is much faster than Sqz! Plus in saving and retrieving a **compressed** worksheet that primarily contains text, but it is still slower than 1-2-3 in doing so.

SQZ! TOOLS

Included with the Sqz! Plus program is Sqz! Tools--a group of utilities that run outside of 1-2-3. With Sqz! Tools you can **compress** or decompress several worksheets at once, recover data from a damaged **compressed** worksheet, review the dates on which a worksheet was modified, and customize the initial settings of Sqz! Plus.

The original Sqz! program contained the Sqz! Batch utility, which let you **compress** or decompress **groups** of worksheet **files**. An **updated** version of Sqz! Batch is included in Sqz! Plus and makes those jobs much easier.

The Recover option lets you recover **compressed** worksheets that have been damaged due to a disk error or a communications error. How well this option works depends on what part of the...

48/3,K/19 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

02233678 Supplier Number: 57589667 (USE FORMAT 7 FOR FULLTEXT)
Aladdin Ships New Mac OS 9 Compatible Versions of StuffIt Deluxe - StuffIt Deluxe 5.1.5 Update and StuffIt Deluxe 5.5 Upgrade Now Available.
PR Newswire, p6067
Nov 16, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 997

... StuffIt Deluxe 5.5 and are NOT available in the StuffIt Deluxe 5.1.5 Update.

New StuffIt Deluxe 5.5 Benefits and Features:

-- Faster **compression** and expansion (an average speed improvement of 20%)
-- Mac OS 9 compatibility
-- Make self-extracting archives for Windows (.exe) from your Mac
-- Archive CM(TM) provides easier access to the contents of a StuffIt archive via the Macintosh Contextual Menu, allowing more ways to retrieve specific items within a **compressed** archive
-- Create StuffIt or Zip files to send to Windows users -- now there's a choice if users want to create a Zip archive or use the superior

StuffIt **compression**
 -- Magic Tools(TM) -- Four new tools were added to Magic Menu(TM):
 "Get
 More Info" on files, "Copy or Move" files to any location with a
 single
 command, "Make Aliases" of files in any location, or "Gather" a
 group
 of selected files into one folder
 -- DropConverter updates old StuffIt archives to the 5.x format
 -- Now create .uu and .zip files (popular Windows formats) with
 Archive
 Via Rename(TM), exclusive to StuffIt Deluxe. By simply adding or
 removing the UUencode (.uu) or Zip (.zip) suffix, those files will
 encode, **compress** or expand
 -- Symantec DiskDoubler (R) (.dd) translation now supported by the
 StuffIt
 Engine(TM)
 -- Create and expand Bzip (.bzip) files (common to the Unix platform
 ...
 ...Icons were updated with a new look- version 5.5 files are
 accessible by any version of StuffIt Expander 5.X
 -- Aladdin DropStuff 5.5 **compresses** faster, includes Bzip and
 DiskDoubler
 expansion support with the StuffIt Engine, and is Mac OS 9 compatible
 Pricing and Availability
 The Mac OS 9 compatible **update** to StuffIt Deluxe 5.1.5 is free
 for registered StuffIt Deluxe 5.x customers, and is available for download
 at: <http://www.aladdinsys.com...>

48/3,K/20 (Item 2 from file: 621)
 DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
 (c) 2003 The Gale Group. All rts. reserv.

01583625 Supplier Number: 48075448 (USE FORMAT 7 FOR FULLTEXT)
Open Software Associates Introduces netDeploy 3.0, the Industry's First
Complete "Smart Pull" Solution for Electronic Software Distribution.
 Business Wire, pl0271304
 Oct 27, 1997
 Language: English Record Type: Fulltext
 Document Type: Newswire; Trade
 Word Count: 1079

... for publishing a downloadable catalog of an application's
 components, where they can be found and how they should be installed.
 Component files can be **compressed** or uncompressed and stored on any Web
 server. To deploy, application providers simply place a link in a Web page
 pointing to the catalog.

The...

...providing greater security with minimum effort.
 -- Improved handling of applications that use third-party installation
 tools, making it easier for corporate users to deploy and **update**
 externally sourced **applications** .

The netDeploy Launcher is an end user tool for transferring and
 validating the application catalog, and uncompressing and executing the
 resulting application. The Launcher maintains a cache of downloaded
 applications under user control, automatically checks file versions and
 downloads only those files **updated** since the last download.

Launcher enhancements in version 3.0 provide greater control and
 security for end-users while handling a greater range of software
 installation needs. For example, netDeploy 3.0 offers a "staging area" for
collecting all the **components** required for an application before
 beginning the installation process, thus eliminating the risk of a partial
 update being interrupted by a network failure.

Pricing and...

48/3,K/21 (Item 3 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01172000 Supplier Number: 42307299 (USE FORMAT 7 FOR FULLTEXT)
Clarion Software Ships Version 2 of Software Distribution Kit
News Release, p1
August 23, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 617

... Distribution Kit is ideal for anyone distributing software on diskette, including in-house software teams, software developers sending out product releases and individuals requiring disk **compression** for backup," according to John Herron, vice president of Product Management for Clarion. "New features in Version 2 are a direct result of requests from...

...aid users during the installation process. In addition, the number of diskettes that a release can span has been increased from 16 to 255. The **compression** algorithm also has been improved to save diskette space by an additional 35 to 40 percent over Version 1.0.

The Software Distribution Kit contains two programs, **COMPRESS** and **INSTALL**. **COMPRESS** creates installation disks from a script file supplied by the developer. It **compresses** the developer's program files and copies them to diskette.

A distribution set can span up to 255 diskettes. A single file can be **compressed** across multiple diskettes. **Files** may be separated into **groups**, and users may selectively install by group. **COMPRESS** supports 360K, 1.2MB, 720K and 1.4MB diskettes. Diskettes may be automatically formatted during the **compress** process. An audit report can be generated with information on each file in the distribution set. The installation set created by developers can be customized...

...their product and company name, company logo, custom screen colors, as well as their own descriptions and prompts.

INSTALL reads the distribution disks created by **COMPRESS**. **INSTALL** displays the developer's logo screen automatically, and then displays a **README** file, if present. It will display a menu of options to the...

...installation, as well as which files are to be installed. **INSTALL** can prompt the end-user to decide if the **AUTOEXEC.BAT** and **CONFIG.SYS** files should be **updated**.
. **INSTALL** also has a "debug" mode that displays information about the users' hardware and software.

Version 2 of the Clarion Software Distribution Kit is available...

48/3,K/22 (Item 4 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01167427 Supplier Number: 42198926 (USE FORMAT 7 FOR FULLTEXT)
The Software Factory Releases EZ-INSTALL 4.0
News Release, p1
July 3, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 453

... ensuring that the .INI file is modified accurately.

Other new features in EZ-INSTALL 4.0 include:

- o Group File Installation With Automated Menus: Selected **groups** of **files** can be installed, at the user's discretion, through a menu displayed to the end user at the beginning of the installation.
- o Dynamic Alteration of Startup Batch **Files** : An adjunct to the **Group** File feature that provides additional flexibility for determining the contents of the startup batch **file** during installation.
- o **Updated EZARC Compression**
Utility: A royalty-free tool (included in the EZ-INSTALL Toolkit) that reduces an application's disk space requirements on distribution disks.
- o Enhanced Disk...

48/3,K/23 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

04611953 Supplier Number: 60372565 (USE FORMAT 7 FOR FULLTEXT)
TURBOSFX V3.11 DEBUTS FOR WINDOWS 95/98/NT2000. (Product Announcement)
GUI Program News, v11, n4, pNA
April, 2000
Language: English Record Type: Fulltext
Article Type: Product Announcement
Document Type: Newsletter; Trade
Word Count: 849

Needs often arise to distribute **groups** of data and installation **files** throughout an organization or on the Internet, using **compressed** and Self-Extracting formats. For large files, there is the additional need to create multi-volume SFX files, i.e., to divide large files into... extractor, and CABinet files for HTML-based Internet Component Download distribution; no programming background or scripting is required to use it.

TurboSFX v3.11 includes **updated Sign Code** support, which is an algorithm to authenticate the source of the SFX files, and added support for the Time Stamp service in Sign Code. It...

48/3,K/24 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

04555294 Supplier Number: 59243809 (USE FORMAT 7 FOR FULLTEXT)
TurboSFX v3.11 for Windows 95/98/NT/2000 secure file distribution with ease and style!
M2 Presswire, pNA
Feb 8, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1018

... step-by-step procedures. The SFX files created by TurboSFX are ideal for efficient and professional distribution of groups of data and programs, which are **compressed** for economy and ready to be installed at users' convenience. This latest release provides file distribution compatibility with Windows 2000.

Needs often arise to distribute **groups** of data and installation **files** throughout an organization or on the Internet, using **compressed** and Self-Extracting formats. For large files, there is the additional need to create multi-volume SFX files, i.e., to divide large files into...

extractor, and CABINET files for HTML-based Internet Component Download distribution; no programming background or scripting is required to use it.

TurboSFX v3.11 includes **updated** Sign Code support, which is an algorithm to authenticate the source of the SFX files, and added support for the Time Stamp service in Sign Code. It...

48/3,K/25 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02763430 Supplier Number: 45607858 (USE FORMAT 7 FOR FULLTEXT)
PRODUCT SIDEWIRE...
Telecomworldwire, pN/A
June 15, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 952

... software release for its LIVE range of desktop videoconferencing systems which offers video snapshot, far-end camera control, CLI support, a new user interface and **updated software code** ... PICTURETEL has reduced the recommended UK retail price of its LIVE PCS50 videoconferencing terminal by 20% to GBP1995... IOMEGA EUROPE GMBH has launched its new TRAVAN tape backup drives -- the Ditto 800 and Ditto 3200 which provide 800Mb and 3.2Gb data **compression** respectively... HEWLETT-PACKARD has announced a remote access module that plugs into the expansion slot of HP's AdvanceStack 10Base-T hubs -- the modules let...

...takeup... NOVELL UK is now shipping AppWare 1.2, Novell's high-level programming tool for rapid application development using pre-written, re-usable software **components** called AppWare Loadable Modules... TECHLAND GROUP in the UK is now shipping v4.0 of FACSYS, the first Windows NT networked fax product... SIEMON has introduced a new large capacity surface ...

48/3,K/26 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

08299363 Supplier Number: 67150568 (USE FORMAT 7 FOR FULLTEXT)
More For Your Content.
Publishing & Production Executive, v14, n7, p48
July, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 6348

... widths, color ranges and profiles, and screens. This is made possible by a comprehensive publications database, maintained by the publisher. When specs change, the publisher **updates** the **database** --and advertisers receive an electronic update.

Preflighting

Adobe Systems

See listing in PDF Workflow Tools.

DALiM Software

SWING Normalizer preflights PostScript or PDF files, generates groups of documents. PDF CheckUp for InDesign Preflight tests PDFs on export.

Extensis

Suitcase 9 offers font management. Preflight Pro 2.1 inspects digital files, **collects** files for output and simplifies PDF creation. Collect Pro 2.1 works with page layout and illustration programs to collect fonts and images for delivery.

Lantana...

...PowerPack bundles.

Lazer-fare Media Services
FlowTools 2.0 builds and preflights PDF files.
Markzware Software

MarkzNet is a Web-based solution that preflights, collects, **compresses**, captures job ticket information and transmits native digital documents over the Internet or an intranet. FlightCheck preflights QuarkXPress, PageMaker, Photoshop, Illustrator, FreeHand, Multi-Ad Creator
...

48/3,K/27 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04608600 Supplier Number: 46779109 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Reveals More New Features For Office 97 Suite
Computer Reseller News, p88
Oct 7, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 423

... users to publish database information both dynamically and statically to the Web using a wizard. This feature can be used to set up interactive live **database** pages to query, **update** and add information from the Web. The replication capabilities of Access for Windows 95 has also been extended to the Internet using file transfer protocol...

...a spreadsheet is refreshed, the new information is pulled from the Web and placed in the spreadsheet.

PowerPoint 97 also will save joint photographic experts **group** (JPEG) **files** in their native **compressed** format. This decreases the hard-disk space consumed by PowerPoint presentations.

48/3,K/28 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04457739 Supplier Number: 46543665 (USE FORMAT 7 FOR FULLTEXT)
Sales Force Automation: Caught In The Web
CommunicationsWeek, p15
July 15, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 278

... and lets managers parse sales leads to a representative via an intranet.

"Because of the widespread use of the Internet, sales cycles are becoming so **compressed** that organizations have to automate these processes," said Sanford Cohen, president of ErgoTech, New York. WebLeader lets users publish forms and electronic catalogs on Web...

...The software lets organizations publish information and automatically rebuild HTML indexes every time a mobile user dials into the system.

InfoLinq lets organizations assign specific **files** to targeted **groups** of users, supports auto scheduling of events and automatic **file updates**. Available now, InfoLinq costs \$2,580 for a starter kit and \$295 per user.

Aurum Software Inc., Santa Clara, Calif., has announced Intra-Intelligence Center...

48/3,K/29 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04152065 Supplier Number: 46062246 (USE FORMAT 7 FOR FULLTEXT)
MASTERING DISASTER: Entrepreneur Larry Cowsert sold Cray Research on the potential of 'televaulting.' Now he just has to convince the carriers.
America's Network, p34
Jan 15, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1050

... think about it," Cowsert says. "We wanted something that would be totally unattended if they wanted it to be--totally transparent."

Users can select specific **files** or **groups** of **files** to back up, or the system can do an automatic daily backup of all files changed that day. Besides routine daily backups, users can back...

...overall network usage, end users who'll be charged by volumes of data moved and stored will want to economize. XPress Backup aims to oblige.

Updating only changed **files** helps; the average small business in Cowsert's informal survey "really only creates about 71/2 Meg of real new data a week," he says...

...changed files with existing backups and sends only the changes, rather than sending an entire file on which only minimal alterations may have been made. **Compression** algorithms further save on per-minute quickly, and graphics files are sent in normal form if the **compression** process would take longer than transmitting them uncompressed.

Backing up files guards against computer crashes, but Cowsert found that even among companies that already do...

48/3,K/30 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

03779070 Supplier Number: 45375824 (USE FORMAT 7 FOR FULLTEXT)
It's A Wild Hand
Network Computing, p54
March 1, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3077

... the others, however, SMS can use multiple distribution and logon servers simultaneously. Once a software 'package' is created, it is sent to various distribution servers, **compressed** and sent from there to the individual workstations.

The SMS administrator can schedule software distribution jobs for one-time or repeated installation, and force installation...

...software distribution architecture is a strong one, Microsoft offers the weakest installation support. SMS can't handle many installation tasks such as editing Windows **.INI files**, creating local **program** manager **groups** or **updating** the Windows registry directly. Microsoft recommends Microsoft Test to handle many of these additional functions, but it's not bundled with SMS.

One unique SMS...

48/3,K/31 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09836215 SUPPLIER NUMBER: 19573402 (USE FORMAT 7 OR 9 FOR FULL TEXT)
NetObjects Web authoring system is peerless, but not perfect. (NetObjects Fusion 2.0 site management program) (Software Review) (Evaluation)
Graves, Steve
Government Computer News, v16, n16, p37(1)
June 16, 1997
DOCUMENT TYPE: Evaluation ISSN: 0738-4300 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1584 LINE COUNT: 00131

... of your site: text-only, for Unix users; grayscale; and low-bandwidth, with Graphics Interchange Format files in four-bit color and Joint Photographic Experts **Group - compressed files**.

Data publishing is fast becoming the benchmark against which to measure all Web authoring programs, and NetObjects Fusion takes an interesting approach.

I wouldn't...

...record and inserts navigation buttons.

This kind of data publishing is not without limits. It's strictly one way--there's no provision for remote **database** administration or user **updates**. On the other hand, there are two big pluses: Even casual database and spreadsheet users can figure it out, and the system is platform-independent...

48/3,K/32 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09646995 SUPPLIER NUMBER: 17974815 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The software to get on the Internet - I. (part 1)
Silbert, Marvin D.
Canadian Chemical News, v48, n1, p7(3)
Jan, 1996
ISSN: 0823-5228 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2311 LINE COUNT: 00166

... 0: Nico Mak Computing Inc., P.O. Box 919, Bristol, CT 06011, USA.
RELATED ARTICLE: Improved ZIPing

The July/August 1995 Chemputing looked at file **compression** using PKZIP/PKUNZIP. Two readers, Doug Jardine, MCIC, and Mike MacDonald, ACIC, e-mailed some comments. They noted that I had not mentioned that when you **compressed** very large **files** or **groups** of **files** that PKZIP was capable of spreading the final ZIPed version over two or more disks if it wouldn't fit on a single disk. They...

...Upon installation WinZip becomes an additional item in the menu for File Manager and it takes a click here or there to get a file **compressed** or decompressed. WinZip is totally menu driven and makes for simplicity as you no longer need to remember the **codes** to **compress**, **update** or whatever. WinZip does require that you have PKZIP present. It can also work with other **compression** packages such as LHARC. One particularly useful feature is the ability to use Notepad or other editors to rear **compressed** .TXT or .DOC files before UNZIPing. WinZip is available by FTP from SimTel. The present file is WINZIP56.ZIP. This one is cleverly designed to...

48/3,K/33 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08551602 SUPPLIER NUMBER: 18129380 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mastering disaster. (Cowsert Corp.'s XPress Backup system)
Krapf, Eric
America's Network, v100, n2, p34(2)
Jan 15, 1996
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1153 LINE COUNT: 00091

... think about it," Cowsert says. "We wanted something that would be totally unattended if they wanted it to be - totally transparent."

Users can select specific **files** or **groups** of **files** to back up, or the system can do an automatic daily backup of all files changed that day. Besides routine daily backups, users can back...

...overall network usage, and users who'll be charged by volumes of data moved and stored will want to economize. XPress Backup aims to oblige. **Updating** only changed files helps; the average small business in Cowser's informal survey "really only creates about 7 1/2 Meg of real new data a week," he...

...changed files with existing backups and sends only the changes, rather than sending an entire file on which only minimal alterations may have been made. **Compression** algorithms further save on per-minute connection charges by moving data more quickly, and graphics files are sent in normal form if the **compression** process would take longer than transmitting them uncompressed.

Backing up files guards against computer crashes, but Cowser found that even among companies that already do...

48/3,K/34 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07219716 SUPPLIER NUMBER: 14976950 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Making repairs on the earth and above the earth. (NASA Spacelink and HouseNet computer bulletin boards)
Balas, Janet L.
Computers in Libraries, v14, n3, p 26(2)
March, 1994
ISSN: 1041-7915 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1255 LINE COUNT: 00100

... and government agencies. To read this information online, select the News Release option on the main menu.

HouseNet also has an extensive file area. The files are grouped into twenty-six areas, not all of which are specifically related to home improvement; some are the more usual computer topics such as word processing...

...your own. A quick way to get a list of files on the system is to download ALLFILES.ZIP from the HouseNet Info area. This **compressed** list of files is **updated** weekly.

The HouseNet BBS contains a

48/3,K/35 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04546990 SUPPLIER NUMBER: 08864479 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Magellan: hard disk information searching. (evaluation)
Jones, Ellen
Information Today, v7, n3, p9(3)
March, 1990
DOCUMENT TYPE: evaluation ISSN: 8755-6286 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1708 LINE COUNT: 00127

... indexes require a minimum of 24K. The maximum number of files which can be included in one index is 32,000. The indexes are then **compressed** so that overhead is only 5 percent of the file size. Indexes may be based on a complete file, a file format, a line, or...

...names and .IX3 files store the actual index information. If the original index is updated, then .IX4 and .IX5 files are created which store the **updates**.

Groups of files with common characteristics can be created and explored. Typical common **groupings** may contain manuscript files, spreadsheet files, program, or batch files. These **groups** of files can be indexed separately to provide faster searching time. faster

searching time.

Boolean Search

The EXPLORE (F9) function, when used in conjunction with an INDEX...

48/3,K/36 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01725206 03-76196

GroupShield adds secure layer for Notes servers

Coopee, Todd

InfoWorld v20n43 PP: 42D, 42L Oct 26, 1998

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 829

...TEXT: but let it ignore database reads. Infected attachments can be logged, cleaned, deleted, or moved to a quarantine area. GroupShield can also detect viruses in **compressed files**.

On the other hand, **Group Shield's** On-Demand Tasks allow you to scan for viruses interactively or at one or more preset intervals. Similar to the On-Access Monitor...

...weekly, or monthly basis.

To reduce task-execution time, you can enable an incremental scanning function. This eliminates redundant scans by scanning only documents in **databases** that have been **updated** since a previous scan. You can also set a CPU priority for scheduled and on-demand scanning, ensuring that your server won't devote too...

48/3,K/37 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2003 CMP Media, LLC. All rts. reserv.

01105559 CMP ACCESSION NUMBER: CRN19961007S0107

AUTOMATION: Grammar checkers, drawing tools - Microsoft Reveals More New Features For Office 97 Suite

Monica Young

COMPUTER RESELLER NEWS, 1996, n 704, PG88

PUBLICATION DATE: 961007

JOURNAL CODE: CRN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Software - Applications, Platforms & Tools

WORD COUNT: 432

... users to publish database information both dynamically and statically to the Web using a wizard. This feature can be used to set up interactive live **database** pages to query, **update** and add information from the Web. The replication capabilities of Access for Windows 95 has also been extended to the Internet using file transfer protocol...

...a spreadsheet is refreshed, the new information is pulled from the Web and placed in the spreadsheet.

PowerPoint 97 also will save joint photographic experts **group** (JPEG) **files** in their native **compressed** format. This decreases the hard-disk space consumed by PowerPoint presentations.

Copyright (c) 1996 CMP Media Inc.

48/3,K/38 (Item 2 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2003 CMP Media, LLC. All rts. reserv.

01097040 CMP ACCESSION NUMBER: CWK19960715S0031

Sales Force Automation: Caught In The Web

Jeffrey Schwartz
COMMUNICATIONSWEEK, 1996, n 619, PG15
PUBLICATION DATE: 960715
JOURNAL CODE: CWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Network Applications - Client/Server and PBX-to-Computer
Applications, Databases
WORD COUNT: 282

... and lets managers parse sales leads to a representative via an intranet .

"Because of the widespread use of the Internet, sales cycles are becoming so **compressed** that organizations have to automate these processes," said Sanford Cohen, president of ErgoTech, New York. WebLeader lets users publish forms and electronic catalogs on Web...

...The software lets organizations publish information and automatically rebuild HTML indexes every time a mobile user dials into the system.

InfoLinq lets organizations assign specific files to targeted groups of users, supports auto scheduling of events and automatic file updates . Available now, InfoLinq costs \$2,580 for a starter kit and \$295 per user.

Aurum Software Inc., Santa Clara, Calif., has announced Intra-Intelligence Center...

48/3,K/39 (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

01045843 CMP ACCESSION NUMBER: NWC19950301S0019
It's A Wild Hand (News Trends and Opinion)
Bruce Robertson and Jay Adams
NETWORK COMPUTING, 1995, n 603, P54
PUBLICATION DATE: 950301
JOURNAL CODE: NWC LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Features
WORD COUNT: 3241

... the others, however, SMS can use multiple distribution and logon servers simultaneously. Once a software "package" is created, it is sent to various distribution servers, **compressed** and sent from there to the individual workstations.

The SMS administrator can schedule software distribution jobs for one-time or repeated installation, and force installation...

...software distribution architecture is a strong one, Microsoft offers the weakest installation support. SMS can't handle many installation tasks such as editing Windows .INI files , creating local program manager groups or updating the Windows registry directly. Microsoft recommends Microsoft Test to handle many of these additional functions, but it's not bundled with SMS.

One unique SMS...

48/3,K/40 (Item 4 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

01025643 CMP ACCESSION NUMBER: WIN19940301S5422
CLIENT/SERVER SOFTWARE Accounting System Gains Work-Flow Links...
Compiled by Ellen L. Dendy
WINDOWS MAGAZINE, 1994, n 503 , 059
PUBLICATION DATE: 940301
JOURNAL CODE: WIN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: New Products

... LITE, LANTastic and Windows for Workgroups. FaxWorks Pro LAN supports an unlimited number of nondedicated DOS and Windows fax servers, and implements automatic Group 4 **compression**. It also offers TWAIN scanner support, OCR and Custom Quick Graphics for signatures and logos. FaxWorks Pro Server supports as many as eight phone lines...

...installed program when the installation is complete. 20/20 Software's program modifies AUTOEXEC.BAT, CONFIG

.SYS and .INI files. PC-Install also creates program **groups** and program items.

When the end-user types Install, PC-Install reads your installation text file and executes its commands, ...among other tasks, set the default directory, copy files, display a README file or change screen colors.

PC-Install allows the end user to select **groups** of files for installation and can prompt the user for overwrite permission. The program expands self-extracting **compressed** files from commercial file **compression** software, or **compresses** single or multiple files; **compressed** files can span multiple diskettes. A status bar is **updated** as **files** are decompressed and/or copied.

It includes an unlimited license for distributing Installation programs royalty free.

PC-Install 1.0

Price: \$179.95

Contact 20...

48/3,K/41 (Item 1 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

(c) 2003 IDG Communications. All rts. reserv.

078959

Fast relief for slow Web sites

Tool kit for improving Web site performance includes packet shapers, **caching appliances** and load balancers.

Byline: CHARLES BRUNO, GREG KILMARTIN AND KEVIN TOLLY

Journal: Network World Page Number: 59

Publication Date: November 01, 1999

Word Count: 3546 Line Count: 328

Text:

... and Backward Explicit Congestion Notifications, functionality that is otherwise invisible to a PacketShaper that sits inside of the Web site's router. Moreover, if data **compression** is important to you, then WiseWAN 200 is a likely choice because it makes more sense to perform **compression** on a serial WAN link than inside a campus network. By contrast, a product such as PacketShaper that sits inside the router and ships traffic...

... that traffic is destined for the wide area or if it will remain local. Therefore, it cannot make an effective decision about whether to use **compression**. But we do recommend that you use a product like PacketShaper when you need to apportion bandwidth to various outgoing traffic types because it can...

... followed by an HTTP "Get" request. HTTP 1.1 improves upon this serial retrieval of Web objects by adopting a form of pipelining that retrieves **objects** in **groups**. However, HTTP 1.0 is still prevalent among Web sites. In our evaluation of caching appliances, we were impressed with CacheFlow's attempt to bring... examine cached content for freshness. CacheFlow uses a technique called Adaptive Refresh. The algorithm selectively refreshes Web objects based on their need to be refreshed.

Object updates occur at a frequency dictated by the caching engine's capability to formulate a "model of use" and a "model of change" for any given...

48/3,K/42 (Item 1 from file: 810)

DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0574639 BW1067

RAY DREAM: Ray Dream Ships New Extensions for Macintosh; Professional Lens Pack and 3D Fun Pack Integrate Seamlessly into Ray Dream Studio

April 15, 1996

Byline: Business Editors and Multimedia Writers

...or in print.

Priced at \$29, the 3D Fun Pack can be used with both still images and animations.

Availability

Ray Dream's Extensions CD will be **updated** quarterly and will include the complete collection of all currently available **extensions** . Current customers can order these extensions through Ray Dream's sales department by calling 800/846-0111. Ray Dream will also include the extensions on...

48/3,K/43 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1294594 SFTH010
Next Generation Development Tools to Be Introduced at Web Design & Development Conference

DATE: June 18, 1998 11:30 EDT WORD COUNT: 1,921

... from their website, Digitalstock.com. Web professionals can browse, search, purchase and download high-quality comp resolution images from Digital Stock's Professional, Master and Objects Collections . New CD titles will also be announced.

Elemental Software - Drumbeat 2.0

Drumbeat 2.0 is the fastest, easiest way to build dynamic, Web-based business solutions. With point-and-click speed, organizations can build sites that search and **update databases** , generate custom pages on-the-fly, create engaging sites with multimedia effects, and build sites that automatically adapt to multiple browsers -- all without programming.

GEO...

... over 28.8 or Intranet bandwidths without plug-ins or server software. Video Pro includes a complete set of features that enable Web professionals to **compress** and edit video for maximum performance over the Web.

IBM-WebSphere Application Server

IBM's Java, servlet-based Web application server that helps customers to...

48/3,K/44 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00447353 20001026SFTH002A (USE FORMAT 7 FOR FULLTEXT)
Aladdin Systems Delivers Returnreceipt Breakthrough in Launch of Stuffit Deluxe 6.0 for The Macintosh
PR Newswire
Thursday, October 26, 2000 11:59 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,030

...many times do we ask, 'did you get my e-mail with the attachment?' -- especially when the attachment is a critical presentation or other important **compressed** document," said Peter Thomas, StuffIt product manager. "With ReturnReceipt technology integrated into StuffIt Deluxe 6.0, users can relax knowing that their **compressed** files have been successfully opened."

StuffIt Deluxe 6.0 Key Features and Benefits:

- ReturnReceipt Technology -- Allows users to send StuffIt archives with an option to...

...and

higher

- More Expansion Options -- Now users can expand popular .RAR files;
- More Power to Create - With StuffIt Deluxe 6.0, users can create .lha files ;
- Automatic **Update** Options -- New version and update notification option tells users when updates are available after they connect to the Web;
- Greater Performance -- StuffIt Expander supports more...

...your Mac

- StuffItCM(TM) provides easy access to StuffIt archive contents via the Macintosh Contextual Menu, allowing more ways to retrieve specific items within a **compressed** archive
- Create StuffIt or Zip files to send to Windows users -users can choose to create a Zip archive or use the superior StuffIt **compression**
- Magic Tools(TM) -- "Get More Info" on files, "Copy or Move" files to any location with a single command, "Make Aliases" of files in any location, or "Gather" a **group** of selected **files** into one folder
- DropConverter updates old StuffIt archives to the latest format
- Creates multiple format options, including popular Windows formats, such as .uu and .zip...

51/9/3 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01907658 SUPPLIER NUMBER: 18053492
NetWare Mobile extends network to off-line users. (Novell's remote access software) (Product Announcement)
Stuart, Linda
Info Canada, v21, n2, p13(2)
Feb, 1996
DOCUMENT TYPE: Product Announcement ISSN: 1187-7081 LANGUAGE:
English RECORD TYPE: Abstract

ABSTRACT: Novell introduces NetWare Mobile, a remote access enhancement to its NetWare Connect communications **server** product, that enables remote users to access network files even when working off-line. With the product, mobile users are able to have the same view of the network as those working on desktops at the office. Such consistent view of the network can be had by downloading all network files and directories onto a mobile computer. When in the office, users are prompted to synchronize their files. NetWare Mobile also enables mobile users to save on connection times and costs by offering the option of **updating** only the **files** that have changed. Network administrators can set up file **groups** of commonly shared **files** that can be downloaded easily by mobile users. NetWare Mobile costs \$129 for one user, \$495 for five users, \$1,995 for 25 users and \$6,995 for 100 users.

COMPANY NAMES: Novell Inc.--Product introduction
DESCRIPTORS: Remote Access Software; Networking Software Product
Introduction
PRODUCT/INDUSTRY NAMES: 7372602 (Communications Software Pkgs (Micro))
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: NOVL
TRADE NAMES: NetWare Mobile (Remote access software)--Product
introduction
FILE SEGMENT: CD File 275

51/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02437292 SUPPLIER NUMBER: 65530129 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minor Eudora 5 Upgrade Preserves Status Quo. (Minor Eudora 5 Upgrade
Preserves Status Quo - Qualcomm's small update of Eudora Email doesn't
deserve the "5.0" designation, but it's still the best Internet e-mail
program on the planet.) (Software Review) (Evaluation)
Finnie, Scot
WinMag.com, NA
Sept 27, 2000
DOCUMENT TYPE: Evaluation LANGUAGE: English RECORD TYPE: Fulltext
; Abstract
WORD COUNT: 1042 LINE COUNT: 00078

TEXT:

...and automatically keeps all the files in sync. Not surprisingly, it
uses Internet e-mail as the transport mechanism. If one person in a share
group updates one of the files, that file is automatically e-mailed to
all the other people in the share group. No server is required, and it
works with Windows and Mac systems. People in the group do not have to be
on the same local area network...

51/3,K/2 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02260379 SUPPLIER NUMBER: 53573916 (USE FORMAT 7 OR 9 FOR FULL TEXT)
NOS Files, Patches And Fixes. (Novell GroupWise 5.5, Microsoft Windows
NT Server 4.0 Service Pack 4, and IBM OS/2 Warp Server) (Product
Announcement)
PC Week, 16, 1, 84(1)
Jan 4, 1999
DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 450 LINE COUNT: 00044

NOS Files, Patches And Fixes. (Novell GroupWise 5.5, Microsoft Windows
NT Server 4.0 Service Pack 4, and IBM OS/2 Warp Server) (Product
Announcement)

51/3,K/3 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01907658 SUPPLIER NUMBER: 18053492
NetWare Mobile extends network to off-line users. (Novell's remote access
software) (Product Announcement)
Stuart, Linda
Info Canada, v21, n2, p13(2)
Feb, 1996
DOCUMENT TYPE: Product Announcement ISSN: 1187-7081 LANGUAGE:
English RECORD TYPE: Abstract

ABSTRACT: Novell introduces NetWare Mobile, a remote access enhancement to
its NetWare Connect communications server product, that enables remote
users to access network files even when working off-line. With the product,
mobile users are able to have the same...

...users are prompted to synchronize their files. NetWare Mobile also
enables mobile users to save on connection times and costs by offering the
option of updating only the files that have changed. Network
administrators can set up file groups of commonly shared files that can
be downloaded easily by mobile users. NetWare Mobile costs \$129 for one
user, \$495 for five users, \$1,995 for 25 users and...

51/3,K/4 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01765979 SUPPLIER NUMBER: 16742866 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Need program help? Tell your vendor beforehand. (Speak Out) (Column)
Garrett, Mark
PC Week, v12, n12, p71(1)
March 27, 1995
DOCUMENT TYPE: Column ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 537 LINE COUNT: 00037

TEXT:

I just got a jim-dandy program upgrade. I loaded it on the **server** in a new subdirectory, installed it on a test-user ID, and looked at the differences between the snapshots of before and after. I noted...

...worth) into the network Windows directory. Now all I need to do is go around to each of my users' machines and install the new **group**, **update** any INI files, and they will all be off and running. It shouldn't take me any more than two or three weeks.

51/3,K/5 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01706019 SUPPLIER NUMBER: 16302046 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Frye Utilities for Networks. (Frye Computer Systems Inc) (Software Review) (one of seven evaluations of network management packages in "Network Management Who's Minding Your Network?") (Evaluation)
Rigney, Steve
PC Magazine, v13, n19, p284(2)
Nov 8, 1994
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1041 LINE COUNT: 00083

... on your network and monitor them individually.

Frye offers two Software Update Distribution System (SUDS) packages: SUDS for a single network with one or two **servers** and the SUDS WAN for enterprise networks. You can use either of Frye's SUDS to distribute and **update files** and **programs** on every PC in your network. You can also **collect** and edit **files** and then send them back to the network clients.

The SUDS model is based on activities Frye calls Procedures, Criteria, and Actions. A Procedure is...

51/3,K/6 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01578858 SUPPLIER NUMBER: 14364795
Migrating data to cheaper storage; Conner's HSM finds more cost-effective ways to maintain inactive files. (Software Review) (Conner Peripherals Inc. hierarchical storage management) (Evaluation)
Salamone, Salvatore
Data Communications, v22, n11, p49(2)
August, 1993
DOCUMENT TYPE: Evaluation ISSN: 0363-6399 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

ABSTRACT: Conner Peripherals Inc's Hierarchical Storage Management (HSM) System software package gives network managers an advantageous way to transfer inactive data from Netware file **servers** to low-cost archival

storage mediums. An important implementation of the software is its automatic transfer of inactive files from a Netware **server** to cheaper storage mediums, which erases out-of-disk conditions that can crash a network file **server** . Another advantage of the HSM system is its ability to be set up to periodically recall a **group** of flagged **files** back to the active file **server** for further **updating** . The only disadvantage to using the software is the long access time, up to 2.5 minutes using magnetic tape storage devices, before the files...

51/3,K/7 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01469190 SUPPLIER NUMBER: 11175185 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Working the MHS E-mail puzzle; when it's time to build an enterprise-wide E-mail system, think MHS. (Message Handling Service) (includes related articles on MHS and custom utilities for E-Z E-mail administration)
Adkins, John
LAN Technology, v7, n9, p32(10)
Sept, 1991
ISSN: 1042-4695 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4935 LINE COUNT: 00382

... its users. When a change is made to this file, the LAN administrator sends a copy of the file to me via E-mail. I **collect** each of the **updated** files and dispatch them to the other LAN administrators. Using ENAME, another utility program that I wrote, the LAN administrators then merge the updated information into...

...one of the over 2,300 E-mail users. (Da Vinci sets up a public mail list, but it only includes names from the local **server** .)
While it is easier to recognize the impact a utility program has on the installation and maintenance processes, the use of E-mail assistants provides...

51/3,K/8 (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01268635 SUPPLIER NUMBER: 07203800
Bandwagon with wobbly wheels. (the hard sell of Unix)
Powell, Michael
Computer Weekly, n1156, p27(1)
March 23, 1989
ISSN: 0010-4787 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: flaws that can be bypassed with good software. File sharing within Unix presents problems and the operating system is unsuitable for real time operations. Sharing **files** within a **group** presents problems when **files** are **updated** . The file copy being **updated** can be closed, but if another user has the file open the updates may not be applied on the second version of the file. A single threading file **server** can assure this problem does not develop. Unix's crude round robin task scheduler allocates resources on a time-sliced basis. The process can be...

51/3,K/9 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou. (R)
(c) 2003 The Gale Group. All rts. reserv.

01570671 Supplier Number: 47984973 (USE FORMAT 7 FOR FULLTEXT)
CA Delivers Backup Agent for Novell GroupWise to Ensure Recoverability of Critical Messaging and Collaboration Data.
Business Wire, p9171065
Sept 17, 1997
Language: English Record Type: Fulltext

Document Type: Newswire; Trade
Word Count: 560

... our Backup Agent technology, we significantly enhance the ability of our customers to keep that increasingly valuable data safe and secure."

Operating in a client/ **server** configuration, ARCserve's Backup Agent for GroupWise resides on a GroupWise **server** , enabling ARCserve to back up data without interrupting **server** functions or user access. During the message delivery process, **GroupWise** updates several **database** files sequentially. The Backup Agent ensures a clean backup of **GroupWise** database files , maintaining full data integrity and recoverability. The Agent backs up both the domain and all GroupWise post office directories simultaneously, further ensuring comprehensive data protection...

51/3,K/10 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

07860181 Supplier Number: 65530129 (USE FORMAT 7 FOR FULLTEXT)
Minor Eudora 5 Upgrade Preserves Status Quo. (Minor Eudora 5 Upgrade Preserves Status Quo - Qualcomm's small update of Eudora Email doesn't deserve the "5.0" designation, but it's still the best Internet e-mail program on the planet.) (Software Review) (Evaluation)

Finnie, Scot
WinMag.com, pNA
Sept 27, 2000
Language: English Record Type: Fulltext Abstract
Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 993

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...and automatically keeps all the files in sync. Not surprisingly, it uses Internet e-mail as the transport mechanism. If one person in a share **group** updates one of the **files** , that file is automatically e-mailed to all the other people in the share group. No **server** is required, and it works with Windows and Mac systems. People in the group do not have to be on the same local area network...

51/3,K/11 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06077672 Supplier Number: 53573916 (USE FORMAT 7 FOR FULLTEXT)
NOS Files , Patches And Fixes. (Novell GroupWise 5.5, Microsoft Windows NT Server 4.0 Service Pack 4, and IBM OS/2 Warp Server) (Product Announcement)
PC Week, v16, n1, p84(1)
Jan 4, 1999
Language: English Record Type: Fulltext
Article Type: Product Announcement
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 544

NOS Files , Patches And Fixes. (Novell GroupWise 5.5, Microsoft Windows NT Server 4.0 Service Pack 4, and IBM OS/2 Warp Server) (Product Announcement)

51/3,K/12 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05940670 Supplier Number: 53192056 (USE FORMAT 7 FOR FULLTEXT)
Hidden Costs Of Code Reuse -- Code Reuse Seems To Make Sense-But Many

Companies Find There's So Much Work Involved, It's Not Worth The Effort. (Technology Information)

Radding, Alan

InformationWeek, pA1(1)

Nov 9, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 2428

... typically fall into two categories, business logic or infrastructure services.

Blue Cross/Blue Shield of Rhode Island used Sybase Distributed PowerBuilder to build several reusable **server** -side components intended to be used by multiple applications. It was used to create a customer-management application called Group Paperless, which lets clients change information about their insured employees. Such information might include the number of dependents or the type of coverage. **Group Paperless** uses business logic **components** deployed on a **server** to handle all **updates** to the **database**. Business logic determines the kinds of changes that can be made and how the changes are processed. Developers can leverage this business logic in other...

51/3,K/13 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

05684757 Supplier Number: 53119734 (USE FORMAT 7 FOR FULLTEXT)

Asset Insight's inventory process. (Product Information)

Network, pNA(1)

May 1, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 191

2. Inventory transfer. Asset Insight **Servers** collect inventory files and periodically forward them to the Data Manager.

3. **Database update**. The Data Managers receives new inventory files, compares them to current asset information in the database, and automatically loads only the changed asset data.

4...

51/3,K/14 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

05237089 Supplier Number: 47984973 (USE FORMAT 7 FOR FULLTEXT)

CA Delivers Backup Agent for Novell GroupWise to Ensure Recoverability of

Critical Messaging and Collaboration Data.

Business Wire, p9171065

Sept 17, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 560

... our Backup Agent technology, we significantly enhance the ability of our customers to keep that increasingly valuable data safe and secure."

Operating in a client/ **server** configuration, ARCserve's Backup Agent for GroupWise resides on a GroupWise **server**, enabling ARCserve to back up data without interrupting **server** functions or user access. During the message delivery process, **GroupWise updates** several **database files** sequentially. The Backup Agent ensures a clean backup of **GroupWise database files**, maintaining full data integrity and recoverability. The Agent backs up both the domain and all GroupWise post office directories simultaneously, further ensuring comprehensive data protection...

51/3,K/15 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04654943 Supplier Number: 46847777 (USE FORMAT 7 FOR FULLTEXT)

Intranets Explained

Inc., p90

Nov, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; General

Word Count: 863

... some legal problems," says Douglas Hanson, the center's director of computing and network technology. To better organize data such as research guidelines and grant- **application updates**, Hanson had considered the popular Lotus Notes **groupware** for sharing data **files**. But when he was making his choices, Notes proved prohibitively expensive for Forsyth's 40 computer users. (Lotus has since dropped prices and added Web- **server** capability to Notes.) Instead, Hanson decided on an intranet. At that time, he spent \$400 for additional licenses for the Microsoft Windows NT operating system...

...now owned by Microsoft), which can be used to design an internal or external Web site. Finally, he purchased a Dell Optiplex XMT 5100 computer **server** for about \$6,000. That computer currently houses the intranet plus an external Web site. Hanson set up Forsyth's intranet himself, in about a ...

51/3,K/16 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04312280 Supplier Number: 46321018 (USE FORMAT 7 FOR FULLTEXT)

More Than Just The Scores

InformationWeek, p61

April 22, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 1435

... tracking. "There is no equivalent to the IBM of the 1950s and 1960s pulling it together and making it happen," says Lehmann.

So when Starwave **updates groups** of **files** across multiple **servers**, it relies on custom software, says Day. To keep track of documents, such as its Fantasy Baseball game, Starwave uses custom software written in C...

51/3,K/17 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

03968774 Supplier Number: 45755790 (USE FORMAT 7 FOR FULLTEXT)

Autodesk Connects

Computer-Aided Engineering, p8

Sept, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Academic Trade

Word Count: 126

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Autodesk WorkCenter 1.1 product data management software now supports Windows NT **server** networks and AutoCAD R13. The new version provides standardization, integration, and interoperability features. Its applications can now run on the two most popular network configurations, Novell NetWare and Microsoft Windows NT. Other enhancements included in the

software are: an updated , built-in viewer adding support for R13 DWG files and CALS Group 4 raster files . The system administration control feature lets system administrators standardize and control user tools and workgroup profiles. An expanded API includes more triggers which can update ...

51/3,K/18 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

02833510 Supplier Number: 43811325 (USE FORMAT 7 FOR FULLTEXT)
NIS' Relaying Information Wins the Race
Network Computing, p156
May, 1993
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2790

... CFG configuration file.
Remember that these are system configuration files - for example, you cannot just have the machines access the CONFIG.SYS from the file server , since system configuration files like these are often needed to configure the machine to access the file server in the first place. Now, imagine that, as an administrator of MS-DOS workstations, you want to update these files daily or even several times each day. Wouldn't life be easier if you could organize all those workstations into groups and have each group access frequently updated system files from a centralized location?
NIS essentially does this for Unix network nodes. NIS acts as a miniature client/server database system that Unix workstations can...

51/3,K/19 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

13847122 SUPPLIER NUMBER: 78238057 (USE FORMAT 7 OR 9 FOR FULL TEXT)
LOGIC VERSION 19 BETA PREMIERED AT CONNECT! (Brief Article)
American Printer, 227, 5, 15
August, 2001
DOCUMENT TYPE: Brief Article ISSN: 0744-6616 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 179 LINE COUNT: 00017

TEXT:
printCafe Logic combines the ease of use of a Windows desktop with the reliability of a Unix database server . Logic applications cover every business function, from estimating to billing, order entry to shipping, purchasing, inventory control, finished goods, accounting and more. On the shop...

...19 include: a new Windows Accounting package, a new Approve program available from Accounting and Purchasing, and the choice to use realtime updating to instantly update Job Costing files for shop-floor data collection and job costing. There was also an important announcement about the development porting the Logic system to the Microsoft Windows 2000 Server operating system and the database to Microsoft SQL Server . The details of this project will be announced at Print 01.

51/3,K/20 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

10747440 SUPPLIER NUMBER: 53573916 (USE FORMAT 7 OR 9 FOR FULL TEXT) .
NOS Files , Patches And Fixes.(Novell GroupWise 5.5, Microsoft Windows NT Server 4.0 Service Pack 4, and IBM OS/2 Warp Server) (Product Announcement)

PC Week, 16, 1, 84(1)

Jan 4, 1999

DOCUMENT TYPE: Product Announcement

ISSN: 0740-1604

LANGUAGE:

English RECORD TYPE: Fulltext

WORD COUNT: 450 LINE COUNT: 00044

NOS Files , Patches And Fixes.(Novell GroupWise 5.5, Microsoft Windows NT Server 4.0 Service Pack 4, and IBM OS/2 Warp Server) (Product Announcement)

51/3,K/21 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10605752 SUPPLIER NUMBER: 53192056 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Hidden Costs Of Code Reuse -- Code Reuse Seems To Make Sense-But Many

Companies Find There's So Much Work Involved, It's Not Worth The

Effort.(Technology Information)

Radding, Alan

InformationWeek, A1(1)

Nov 9, 1998

ISSN: 8750-6874

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2602 LINE COUNT: 00217

... typically fall into two categories, business logic or infrastructure services.

Blue Cross/Blue Shield of Rhode Island used Sybase Distributed PowerBuilder to build several reusable **server** -side components intended to be used by multiple applications. It was used to create a customer-management application called Group Paperless, which lets clients change information about their insured employees. Such information might include the number of dependents or the type of coverage. **Group** Paperless uses business logic **components** deployed on a **server** to handle all **updates** to the **database** . Business logic determines the kinds of changes that can be made and how the changes are processed. Developers can leverage this business logic in other...

51/3,K/22 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10241944 SUPPLIER NUMBER: 20763732 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CoreData Offers RemoteSync SDK for Developing Remote Data Synchronization Applications.

Business Wire, p6090186

June 9, 1998

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 752 LINE COUNT: 00069

... to each client. This ensures automated and highly efficient information updates for remote and mobile users.

RemoteSync SDK includes a powerful set of client and **server** Win32 DLLs with a fully documented API, and is designed for use on Intel(R)-based Windows(R) 95 and Windows(R) NT 4.0 computers. The SDK is comprised of two primary components: **Server** DLL and Client DLL. The **Server** DLL includes modules for managing **groups** of content **files** and client **group** subscribers, tracking client statistics and creating byte-level **file** **updates** for data transmission. The Client DLL includes modules for error handling functions and for processing file updates sent from the **server** . Also included is documentation for the API calls within each DLL.

Applications using the RemoteSync SDK will streamline the updating process, making data synchronization fast...

51/3,K/23 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10019312 SUPPLIER NUMBER: 20299789 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Coredata Inc. Announces Remotesync SDK; Powerful New Tool Kit for
Developing Byte-Level Data Synchronization Applications; Automatic,
Invisible Process.**
Business Wire, p2170183
Feb 17, 1998
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 588 LINE COUNT: 00055

... version control and distribution of updated information to address the needs of remote and mobile users."

The RemoteSync SDK is comprised of two primary components: **Server DLL** and **Client DLL**. The **Server DLL** includes modules for managing **groups** of content **files** and client **group** subscribers, tracking client statistics and creating byte-level **file updates** for data transmission.

The **Client DLL** includes modules for error handling functions and for processing file updates sent from the server. Also included is documentation...

51/3,K/24 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09729716 SUPPLIER NUMBER: 19758303 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**CA Delivers Backup Agent for Novell GroupWise to Ensure Recoverability of
Critical Messaging and Collaboration Data.**
Business Wire, p9171065
Sep 17, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 591 LINE COUNT: 00056

... our Backup Agent technology, we significantly enhance the ability of our customers to keep that increasingly valuable data safe and secure."

Operating in a client/ **server** configuration, ARCserve's Backup Agent for GroupWise resides on a GroupWise **server**, enabling ARCserve to back up data without interrupting **server** functions or user access. During the message delivery process, **GroupWise updates** several **database files** sequentially. The Backup Agent ensures a clean backup of **GroupWise database files**, maintaining full data integrity and recoverability. The Agent backs up both the domain and all GroupWise post office directories simultaneously, further ensuring comprehensive data protection...

51/3,K/25 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts.reserv.

09309271 SUPPLIER NUMBER: 18836851 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Intranets explained.
Hise, Phaedra
Inc., v18, n16, p90(1)
Nov, 1996
ISSN: 0162-8968 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 911 LINE COUNT: 00075

... some legal problems," says Douglas Hanson, the center's director of computing and network technology. To better organize data such as research guidelines and grant- **application updates**, Hanson had considered the popular Lotus Notes **groupware** for sharing data **files**. But when he was making his choices, Notes proved prohibitively expensive for Forsyth's 40 computer users. (Lotus has since dropped prices and added Web- **server** capability to Notes.) Instead, Hanson decided on an intranet. At that time, he spent \$400 for additional licenses for the Microsoft Windows NT operating system...

...now owned by Microsoft), which can be used to design an internal or external Web site. Finally, he purchased a Dell Optiplex XMT 5100 computer **server** for about \$6,000. That computer currently houses the intranet plus an external Web site. Hanson set up Forsyth's intranet himself, in about a ...

51/3,K/26 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08620434 SUPPLIER NUMBER: 18221380 (USE FORMAT 7 OR 9 FOR FULL TEXT)
More than just the scores: ESPNET SportsZone is a model for extending brand names online. (Internet
Marx, Wendy
InformationWeek, n576, p61(2)
April 22, 1996
ISSN: 8750-6874 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1532 LINE COUNT: 00127

... tracking. "There is no equivalent to the IBM of the 1950s and 1960s pulling it together and making it happen," says Lehmann.

So when Starwave **updates groups** of **files** across multiple **servers**, it relies on custom software, says Day. To keep track of documents, such as its Fantasy Baseball game, Starwave uses custom software written in C...

51/3,K/27 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08498872 SUPPLIER NUMBER: 18053492
NetWare Mobile extends network to off-line users. (Novell's remote access software) (Product Announcement)
Stuart, Linda
Info Canada, v21, n2, p13(2)
Feb, 1996
DOCUMENT TYPE: Product Announcement ISSN: 1187-7081 LANGUAGE:
English RECORD TYPE: Abstract

ABSTRACT: Novell introduces NetWare Mobile, a remote access enhancement to its NetWare Connect communications **server** product, that enables remote users to access network files even when working off-line. With the product, mobile users are able to have the same...

...users are prompted to synchronize their files. NetWare Mobile also enables mobile users to save on connection times and costs by offering the option of **updating** only the **files** that have changed. Network administrators can set up file **groups** of commonly shared **files** that can be downloaded easily by mobile users. NetWare Mobile costs \$129 for one user, \$495 for five users, \$1,995 for 25 users and...

51/3,K/28 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07763297 SUPPLIER NUMBER: 16742866 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Need program help? Tell your vendor beforehand. (Speak Out) (Column)
Garrett, Mark
PC Week, v12, n12, p71(1)
March 27, 1995
DOCUMENT TYPE: Column ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 537 LINE COUNT: 00037

TEXT:

I just got a jim-dandy program upgrade. I loaded it on the **server** in a new subdirectory, installed it on a test-user ID, and looked at the differences between the snapshots of before and after. I noted...

...worth) into the network Windows directory. Now all I need to do is go around to each of my users' machines and install the new **group**, **update** any **INI files**, and they will all be off and running. It shouldn't take me any more than two or three weeks.

51/3,K/29 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06653092 SUPPLIER NUMBER: 14364795
Migrating data to cheaper storage; Conner's HSM finds more cost-effective ways to maintain inactive files. (Software Review) (Conner Peripherals Inc. hierarchical storage management) (Evaluation)
Salamone, Salvatore
Data Communications, v22, n11, p49(2)
August, 1993
DOCUMENT TYPE: Evaluation ISSN: 0363-6399 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

ABSTRACT: Conner Peripherals Inc's Hierarchical Storage Management (HSM) System software package gives network managers an advantageous way to transfer inactive data from Netware file **servers** to low-cost archival storage mediums. An important implementation of the software is its automatic transfer of inactive files from a Netware **server** to cheaper storage mediums, which erases out-of-disk conditions that can crash a network file **server**. Another advantage of the HSM system is its ability to be set up to periodically recall a **group** of flagged **files** back to the active **file server** for further **updating**. The only disadvantage to using the software is the long access time, up to 2.5 minutes using magnetic tape storage devices, before the files...

51/3,K/30 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03823659 SUPPLIER NUMBER: 07203800
Bandwagon with wobbly wheels. (the hard sell of Unix)
Powell, Michael
Computer Weekly, n1156, p27(1)
March 23, 1989
ISSN: 0010-4787 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: flaws that can be bypassed with good software. File sharing within Unix presents problems and the operating system is unsuitable for real time operations. Sharing **files** within a **group** presents problems when **files** are **updated**. The **file** copy being **updated** can be closed, but if another user has the file open the updates may not be applied on the second version of the file. A single threading file **server** can assure this problem does not develop. Unix's crude round robin task scheduler allocates resources on a time-sliced basis. The process can be...

51/3,K/31 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01729867 03-80857
Hidden costs of reuse
Radding, Alan
Informationweek n708 PP: 1A-8A Nov 9, 1998
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 2320

...TEXT: for reusable objects, reuse won't pay off, says Kerth.

Blue Cross/Blue Shield of Rhode Island used Sybase Distributed PowerBuilder to build several reusable **server** -side components intended to be used by multiple applications. It was used to create a customer-management application called Group Paperless, which lets clients change information about their insured employees. Such information might include the number of dependents or the type of coverage. **Group Paperless** uses business logic **components** deployed on a **server** to handle all **updates** to the **database**. Business logic determines the kinds of changes that can be made and how the changes are processed. Developers can leverage this business logic in other...

51/3,K/32 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01325194 99-74590
Intranets explained
Hise, Phaedra
Inc. v18n16 PP: 90-94 Nov 1996
ISSN: 0162-8968 JRNL CODE: INO
WORD COUNT: 736

...TEXT: some legal problems," says Douglas Hanson, the center's director of computing and network technology. To better organize data such as research guidelines and grant- **application updates**, Hanson had considered the popular Lotus Notes **groupware** for sharing data **files**. But when he was making his choices, Notes proved prohibitively expensive for Forsyth's 40 computer users. (Lotus has since dropped prices and added Web- **server** capability to Notes.) Instead, Hanson decided on an intranet. At that time, he spent \$400 for additional licenses for the Microsoft Windows NT operating system...

... now owned by Microsoft), which can be used to design an internal or external Web site. Finally, he purchased a Dell Optiplex XMT 5100 computer **server** for about \$6,000. That computer currently houses the intranet plus an external Web site. Hanson set up Forsyth's intranet himself, in about a ...

51/3,K/33 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01300201 99-49597
The NOS report card
Tackett, Ram
Network World v13n40 PP: 40-47 Sep 30, 1996
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 4636

...TEXT: are also software aids, or wizards, in the new version that make administration easier for novice users.

These wizards help in adding user accounts; managing **groups**, **files** and folders; adding **programs** and printers; and **updating** network client setups. Experienced NT **Server** administrators, who might find these wizards more of a hassle than a help, can bypass them if they prefer.

Microsoft has also integrated the Windows...

51/3,K/34 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

01177824 CMP ACCESSION NUMBER: IWK19981109S0001

Hidden Costs Of Code Reuse - Code Reuse Seems To Make Sense -But Many Companies Find There's So Much Work Involved, It's Not Worth The Effort

Alan Radding

INFORMATIONWEEK, 1998, n 708, PG1

PUBLICATION DATE: 981109

JOURNAL CODE: IWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Application Development

WORD COUNT: 2441

... typically fall into two categories, business logic or infrastructure services.

Blue Cross/Blue Shield of Rhode Island used Sybase Distributed PowerBuilder to build several reusable **server** -side components intended to be used by multiple applications. It was used to create a customer -management application called Group Paperless, which lets clients change information about their insured employees. Such information might include the number of dependents or the type of coverage. **Group** Paperless uses business logic **components** deployed on a **server** to handle all **updates** to the **database** . Business logic determines the kinds of changes that can be made and how the changes are processed. Developers can leverage this business logic in other...

51/3,K/35 (Item 2 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

01088623 CMP ACCESSION NUMBER: IWK19960422S0056

Online Partnerships - More Than Just The Scores - ESPNET SportsZone is a model for extending brand names online

Wendy Marx

INFORMATIONWEEK, 1996, n 576, PG61

PUBLICATION DATE: 960422

JOURNAL CODE: IWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Business Strategies

WORD COUNT: 1328

... tracking. " There is no equivalent to the IBM of the 1950s and 1960s pulling it together and making it happen," says Lehmann.

So when Starwave **updates groups** of **files** across multiple **servers** , it relies on custom software, says Day. To keep track of documents, such as its Fantasy Baseball game, Starwave uses custom software written in C...

51/3,K/36 (Item 3 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

00548367 CMP ACCESSION NUMBER: NWC19930501S6731

NIS' Relaying Information Wins the Race

Todd Tannenbaum

NETWORK COMPUTING, 1993, n 405 , 156

PUBLICATION DATE: 930501

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Workshops

WORD COUNT: 2773

... CFG configuration file.

Remember that these are system configuration files for example, you cannot just have the machines access the CONFIG.SYS from the file **server**

, since system configuration files like these are often needed to configure the machine to access the file **server** in the first place. Now, imagine that, as an administrator of MS-DOS workstations, you want to update these files daily or even several times each day. Wouldn't life be easier if you could organize all those workstations into groups and have each **group** access frequently **updated** system **files** from a centralized location?

NIS essentially does this for Unix network nodes. NIS acts as a miniature client/server database system that Unix workstations can...

51/3,K/37 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2003 IDG Communications. All rts. reserv.

106687

Symantec adds tools to pcAnywhere

Byline: ? BY TIM GREENE

Journal: Network World Page Number: 16

Publication Date: June 02, 2003

Word Count: 503 Line Count: 47

Text:

... populates it with data gathered from the remote host. In earlier versions of pcAnywhere, users would have to initiate remote-control sessions on the remote **server** or PC, then issue commands to it directly. Such capabilities are important to help desks, which have suffered staffing cuts and reduced training, says Rob...

...DOS commands so an executable file or Microsoft Install file can be sent and automatically installed on a remote machine, making it easier to upgrade **software** or install **software patches** (see graphic). The **software** also lets users **group** machine objects in **files** so they can be organized by department or geographic location. The only option before was lumping them all together. PcAnywhere competes with management software suites...

51/3,K/38 (Item 2 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2003 IDG Communications. All rts. reserv.

054842

The NOS report card

NOSes: Preparing for the next generation

Byline: Ram Tackett

Journal: Network World Page Number: 40

Publication Date: September 30, 1996

Word Count: 4617 Line Count: 425

Text:

... are also software aids, or wizards, in the new version that make administration easier for novice users.

These wizards help in adding user accounts; managing **groups**, **files** and folders; adding **programs** and printers; and **updating** network client setups. Experienced NT **Server** administrators, who might find these wizards more of a hassle than a help, can bypass them if they prefer.

Microsoft has also integrated the Windows...

51/3,K/39 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0863326 BW0186

COREDATA: CoreData Offers RemoteSync SDK for Developing Remote Data Synchronization Applications

June 09, 1998

Byline: Business Editors/High-Tech Writers

...based Windows(R) 95 and Windows(R) NT 4.0 computers. The SDK is comprised of two primary components: Server DLL and Client DLL. The **Server DLL** includes modules for managing **groups** of content **files** and client **group** subscribers, tracking client statistics and creating byte-level **file updates** for data transmission. The Client DLL includes modules for error handling functions and for processing file updates sent from the server. Also included is documentation...

51/3,K/40 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0809898 BW0183

COREDATA: Coredata Inc. Announces Remotesync SDK; Powerful New Tool Kit for Developing Byte-Level Data Synchronization Applications; Automatic, Invisible Process

February 17, 1998

Byline: Business Editors/Computer Writers

...information to address the needs of remote and mobile users."

The RemoteSync SDK is comprised of two primary components: Server DLL and Client DLL. The **Server DLL** includes modules for managing **groups** of content **files** and client **group** subscribers, tracking client statistics and creating byte-level **file updates** for data transmission.

The Client DLL includes modules for error handling functions and for processing file updates sent from the server. Also included is documentation...

51/3,K/41 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2003 Business Wire. All rts. reserv.

00391432 20001023297B8613 (USE FORMAT 7 FOR FULLTEXT)

AlphaBlox Introduces Web-based Spreadsheet Application Platform for New Class of Business Intelligence Solutions-Centrally Deployed Spreadsheet, That Stays Connected To Live Data And Writes Back To Databases, Marks a New...

Business Wire

Monday, October 23, 2000 12:11 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,207

...react to the problem of the moment in a fast paced business environment and feed it back into the business process without taxing the IT **group**. AlphaBlox spreadsheet **files** can be accessed, shared, emailed, modified and can **update** connected **databases**. The centrally deployed application and data don't require downloads, plug-ins, Java, or a desktop spreadsheet and are updated automatically. It doesn't require...

...first Web-distributed Spreadsheet. It lets users build powerful analytical applications that can access live database information fed to the spreadsheet through the AlphaBlox Analysis **Server** (AAS). The